

Product datasheet for **RG217204**

LRBA (NM_006726) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRBA (NM_006726) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LRBA
Synonyms:	BGL; CDC4L; CVID8; LAB300; LBA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG217204 representing NM_006726 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAGCGAAGACAATCGTGTCCCTTCCCCGCCACCAACAGGTGATGACGGGGGAGGTGGAGGGAGAG
AAGAAACCCCTACTGAAGGGGTGCATTGTCTCTGAAACCAGGGCTCCCCATCAGGGGCATCAGAATGAA
ATTTGCCGTGTTGACCGTTTGGTTGAAGTTGGAGAAGTATCCAATAGGGATATTGTAGAACTGTCTTT
AACCTGTTGGTAGGAGACAGTTTGTCTGAAATGAATTTCAATATCCAAGAAGGTGAGAGTATTAAC
GCATGGTGGACCTACTGGAAAAATGTGACATTACGTGCCAAGCAGAAGTCTGGAGCATGTTTACAGCCAT
TCTGAAGAAAAGCATACGGAATCTCAAGTCTGCACTGAAGTAGGCCCTGTTGAAAAAGTCTTGGGAAA
ATTGAAAAAGTTGACAATATGATAGCAGATCTTTTGGTTGACATGTTGGGAGTGCTGGCTAGCTATAATT
TGACAGTTCGCGAGCTAAAGCTTTTCTTCAGTAACTTCAAGGAGATAAAGGACGATGGCCTCCACATGC
TGGGAAGTTGCTGTCTGTGTTAAAGCATATGCCTCAGAAGTATGGTCCTGATGCCTTTTTAACTTTCCA
GGAAAGAGTGCTGCAGCTATTGCATTACCTCCTATAGCCAAATGGCCATACCAGAATGGTTTTACATTT
ATACATGGCTTAGAATGGATCCTGTAATAACATCAATGTAGATAAGGATAAACCATATTTGATTGTTT
CAGAACCAGCAAAGGTCTTGGCTATTCTGCTCATTTTGTGGAGGCTGTTTATTGTAACATCAATAAAG
TCAAAAGGAAAAGGCTTCAACACTGTGTGAAATTTGATTTCAAGCCACAAAAGTGGTATATGGTTACCA
TAGTACACATCTATAACCGATGGAAGAATAGTGAACCTCGATGTTATGTGAATGGTGGAGCTGGCTTCTTA
TGGAGAGATAACATGGTTTGTCAACACTAGCGATACCTTTGACAAATGTTTCTGGGCTCATCAGAAACA
GCAGATGCTAATAGAGTATTCTGTGGTCAGATGACTGCAGTTTACCTTTTTCAGTGAAGCTCTAAATGCAG
CTCAGATATTTGCTATTTATCAGTTGGGCTGGGATACAAGGGTACATTTAAATTCAAAGCAGAAAGCGA
CCTTTTCTTGTGCTGAGCATCACAACTTTTATTGTACGATGGGAACTCTCTAGTGCCATTGCATTCACG
TACAATCCACGGGCTACAGATGCCAGCTTTGTCTTGAATCATCTCCTAAGGACAACCTTCAATTTTTG
TTCATTACCACATGCACTCATGCTCCAGGATGTAAGGCAGTTTTAACACATTCATCCAAAGTGAAT
GCATTCATTTGGAGGAGTACAAGTACTATTTCCACTTTTTGCACAGTTGGATTACAGGCAATATTTGTCT



GATGAGATTGATTGACTATATGTTCAACCTTGCTGGCCTTTATCATGGAATTGTTGAAGAACTCAATTG
 CTATGCAGGAACAGATGCTTGCCTGTAAGGGCTTCTTGGTAATAGGATATAGCCTTGAAAAGTCTTCCAA
 ATCTCATGTTAGCAGAGCAGTACTTGAACCTTGCCTTGCATTTTCAAATATCTGAGTAATCTGCAGAA
 GGGATGCCCTGCTCAAGCAATTGTGTGATCACGTTCTTCTTAATCTGCCATATGGATTCATACCCAG
 CCAAGGTTCAACTGATGCTCTACTTATCTGTCCACGGAATTCATTGGTACAGTCAACATATAACAC
 CATTCCGAGAGTTGGAACAGTGCCTTCTCATCATGCACACGCTGAAGTACTACTACTGGGCAGTGAATCCT
 CAGGATCGAAGTGGTATCACCCAAAAGGATTAGATGGACCGCGACCTAATCAAAAAGAAATGCTTCTC
 TACGAGCATTCTTGTGATGTTTATTAAAGCAATTAGTGATGAAGGATTCTGGAGTAAAGGAAGATGAATT
 ACAGGCCATTCTTAATTACCTACTGACTATGCATGAGGATGACAATCTAATGGATGTCCTACAGTGCTT
 GTTGCAATTAATGTCAGAACACCCTAACTCTATGATTCCTGCTTTTGACCAAAGGAATGGGTTACGTGTTA
 TCTACAACTTCTGGCATCGAAAAGTGAAGGAATCAGGGTACAAGCTCTTAAGGCAATGGGTTATTTTT
 AAAACATCGGCCCAAGAGGAAAGCAGAAGTCACTGCTTGACATGGATTGTTTTTATTGCTAGCTGAA
 AGGCTCATGCTTCAGACAAATTTAATCACAAATGACCACATATAATGTGCTGTTTGAGATTCTTATAGA
 AGATTGGTACTCAGGTGATACATAAACAGCATCCAGATCCTGATTCTTCAGTGAAGATACAAAACCTCA
 GATACTAAAAGTAATTGCGACCCTACTTCGAAATTCCTCCAGTGCAGAGAGCATGGAGTTCCGAGA
 GCCTTTCTTTCTGACATGATTAACCTTTTAAACAGTAGAGAAAACAGGAGGCTTGCTACAATGCT
 CTGTGTGGCAAGAATGGATGCTTCTCTGCTATTTTAACTCCTAAGAATTCAGATGAGCAAAAAGATAAC
 AGAAATGGTATACGCCATATTCAGAATCCTGCTTACCATGCAGTCAAATATGAGTGGGGTGGCTGGCGT
 GTATGGGTAGACACTTTATCAATCACTCATTCAAAGGTCATTTTGAAATACACAAAAGAAAACCTTGCCA
 ATATATTTAGGGAACAGCAAGGAAAAGTTGATGAAGAAATAGGGCTGTGTTCTTCAACTTCAGTTCAAGC
 AGCCTCTGGCATTAGAAGGATATTAATGTTTCAGTAGGATCCCAGCAACCAGATACGAAGGATTCTCCT
 GTCTGTCTCATTTCACCACAAATGGTAATGAAAATCAAGTATAGAGAAGACAAGTTCACTAGAATCTG
 CATCTAATATTGAACTGCAAACTACTAATACACTTTATGAAGAAATGAAAGCTGAGCAAGAAAATCAGGA
 GTTACCAGATGAAGGCATTTGGAAAGAAACACTGACAAATGAGACAAGGAATGCAGATGATTTAGAAGTA
 TCTTCTGACATAATAGAAGCTGTGGCTATTTCTCTAATTCTTTTATAACAACCTGGCAAAGATTCAATGA
 CTGTCAGTGAAGTAACTGCTTCTATAAGTTCTCCTTCAGAAGAGGATGCCTCAGAGATGCCAGAATTCTT
 GGATAAATCTATAGTAGAGGAAGAGGAAGATGATGATTATGTGGAAGTAAAAGTGAAGGCAGTCTACT
 GAGGAAGCTAATCTACCCACAGAGCTCCAAGATAACAGTTTGTCTCCAGCTGCATCTGAAGCCGGTGAAA
 AACTGGACATGTTTGGTAATGATGACAAATTAATTTTCAAGAAGGAAAACCTGTTACTGAAAAGCAAAC
 TGATACTGAAACTCAAGATTCTAAAGATTCTGGAATTCAGACTATGACAGCATCAGGCTCTCAGCTATG
 TCACCAGAAACTACTGTTTCCCAAATAGCTGTAGAATCAGACCTTGGTCAGATGCTGGAGGAAGGGAAGA
 AAGCAACTAACCTCACTAGAGAAAACAAATTAATTAATGATTGTCATGGTAGTGTCTCTGAGGCTCTTTC
 TGAGCAAAAAGATTGCGAAGTTGGATGTTTCCAATGTTGCTACAGATACTGAGAGGCTGGAGTTGAAGGCC
 AGTCCCAACGTGGAAGCACCTCAACCTCATCGACATGTGCTTGAGATATCAAGGCAACATGAGCAGCCAG
 GGCAAGGAATAGCACCAGATGCAGTTAATGGACAAAGGAGGGATTCCAGATCTACTGTGTTTCGTATTCC
 TGAGTTCAACTGGTCTCAGATGCATCAACGTTTGTCTACTGATCTATTATTTTCAATAGAAAACAGATATA
 CAGATGTGGAGAAGCCATTCAACAAAGACAGTTATGGACTTCGTGAATAGCAGTGATAATGTCATCTTTG
 TACACAACACAATTATCTCATCTCTCAAGTGTGGAACAATATGGTCATGGCTTGTGGGGTATACTGCC
 ATTTGCTTTCAGCTGTACATCGGCTACACATGAACTGAAAAATATTGAACCTACTCAAGGCCTTTCAATA
 GAAGCCTCTGTGACATTTTGCAGAGGCTAATTAGCCTTGTGGATGTGCTTATATTTGCAAGTTCTCTTG
 GCTTTACTGAAATGAAGCTGAAAAAGTATGTATCTGGAGGAATTTTGCGGCAGTGTCTCCGACTAGT
 TTGTGAGTGCAGTAAGGAATTGCTTGGAGTGTCAACAGCATTCAACTGAAAAGTGGGGAGATAAAA
 GCCTTGAAACCAATGCATAGCCTTATTCCTTTAGGGAATCTGCAGCGAAGAGCCAGTGGACATTGTGA
 CTGGCGGTATATCTCCAGTAAGAGATCTTGACAGGCTTCTACAGGACATGGATATTAATCGGCTTAGGGC
 AGTTGTTTTAGAGACATAGAGGATAGCAAACAAGCTCAATTTTAGCCTTGGCAGTAGTATACTTTATC
 TCTGTTCTTATGGTCTCCAAGTACAGAGACATTTTGAACCCAAAATGAAAGGCATAGCCAGTCAATGA
 CAGAAACTGGCAGTAAAATGAGAAATGATCACTCTGAAATCACACCAGCAGCATTGAGCACTTAAAC
 TACGGCATCAGTGAAGAAATCTGAAAGCACATCATCTGCTCGAAGGAGGACTCAGGCATTGGGGAAAGAA
 ACAGCCACTGGTTTAGGAAGCCATGTGGAAGTAACTCCTCACACAGCACCTCCTGGTGTGAGTGCAGGCC
 CAGATGCAATCAGCGAGGTGCTATCTACTCTTTTATAAGTCAATAAGTCTCCGAAACCAAAAATGA
 TAGAGGAAATGACTTGGACACTAAGGCTACACCGTCAAGTTTCAAGTTTCAAAAACGTCAATGTGAAAGAC
 ATTTCTCGAAGCTTGGTTAACATACCAGCAGATGGAGTCAAGTGGATCCTGCCCTTCTGCCACCAGCCT

GCCTTGGAGCCCTTGGTATCTATCTGTGGAACAACCCGTGCAGTTCAGATCTTTTGACAGAAGTGCAT
TGTTGCAGCAAAAAGTCAAGCTCACCTTCCACCTTAATACAAGCATACCTACCAATGCTGTCACT
GTGGTTTCCTCAGTAGATTACAGCCCAAGCCTCAGATATGGGAGGAGAATCACCAGGCAGTAGATCATCTA
ATGCAAAATTGCCCTCAGTTCACACAGTTGATTGAGTTTACAAGATCCGGTTTCAAATATGAGTATTAC
AGAGAGGCTTGAACACGCTTTGGAAAAGGCAGCTCCTCTCCTCGTGAGATTTTGTGGATTTGACCT
TTTCTTTCCTCGGACACTTTGGGTAGCCATGGACAAGAAGTCTTATAGAAGGAACAAGTCTGGTTTGCA
TGAAGTCGAGTAGTTCAGTTGTGAATTGGTTATGCTACTGTGTTCTCAGGAGTGGCAAAATCTATTCA
GAAGAATGCAGGCCTTGCTTTTATCGAAGTTGTCAATGAAGGAAGTTGCTTAGCCAGACAATGAAGGAT
CATCTAGTAAGAGTAGCAAAATGAAGCTGAATTTATCCTGAGCAGGCAGAGAGCAGAAGATATTCACAGAC
ATGCGGAATTTGAGTCACTGTGTGCCAGTATTCTGCAGACAAACGAGAAGATGAGAAGATGTGTGATCA
TTTGATAAGAGCAGCAAAATATCGTGACCAGTGACAGCAACTCACTAATCCAGAAAATATCAACATT
CTCACAGACAAGCATGGAGCCTGGGAAATTTGCAGTGAGTCTGCTCTTGAGTTCTGGCGCTTGACT
ACTGGGAAGATGACTTGCGGCGCCGGCAGCATTGTGCGTAACCCTCTAGGATCGACACATCTGAAGC
GACACTAAAACAGCCGTGGAACATGTGTGCATTTTTAAATTGAGAGAGAACAGCAAAGCCACAGATGAA
GATATCCTTGCTAAAGGAAAACAGTCCATCAGGAGTCAAGCTTTAGGAAATCAGAACTCAGAAAACGAGA
TCCTCCTGGAAGGCGATGATGACTCTGTGCATCCGTGGATGAGAAAGATTTAGAGAATCTTGCCGGTCC
TGTTAGCCTGAGCACACCAGCTCAGCTTGTGGCCCCCTCTGTTGTAGTAAAGGGCACTCTTCTGTCAAC
TCCTCCGAACTCTATTTGAGGTGGATGAAGAGGATCCTAACTTCAAAAAATCGACCCCAAGATCTTGG
CATATACAGAAGGGCTGCATGGAAAATGGCTGTTACAGAGATACGATCAATCTTTTCTCGTCGTTATCT
TTTGCAAAATACAGCCCTGGAGATCTTTATGGCAAACAGAGTTGCTGTGATGTTCAACTTCCCAGACCT
GCAACAGTAAAGAAAGTGGTTAACTTTTACCTCGTGTGGCGTTGGAACAAGTTTGGATTGCCTCAA
CCAGACGATTTTATTAGCTAGTCCACGTCAAGCTTTTAAAGCTTCTAATATGACCCAGCGATGGCAACA
CAGAGATATCTAATTTTGTAGTACTTGTGTTTCTCAACAGATAGCAGGACGGAGTTAATAGACTTA
AATCAGTATCCAGTGTTCCTTGGTCACTCAATTAATGAATCAGAAGAAGTGGATCTTACCTTGCCCA
CCAATTCAGAGATTTGTCCAAGCCAATAGGAGCTCTGAACCCAAAAAGAGCAGCATTCTTCGCTGAGCG
TTATGAATCATGGGAAGATGATCAAGTTCCAAAGTTTCACTATGGTACTCACTCAACTGCAAGTTTT
GTTCTTGCATGGCTGCTAAGAATAGAACCCTTTACAATTTTCTAAATTTGCAAGGAGGCAAAATTTG
ATCATGCAGATCGAACTTTTTCATCAATTTCCAGAGCTTGGCGAAACAGTCAAGCTGATACCTCTGATAT
TAAGGAGTTGATCCCTGAATTTTATTATCTCCCTGAGATGTTTGTCAACTCAATAATTATAATCTTGG
GTGATGGATGATGGACAGTAGTGTCTGATGTCGAACTTCTCCTTGGGCCAAAACCTCAGAAGAATTTG
TTCACATAAACAGATTGGCCCTGGAGAGTGAATTTGTTTCTGCCAGCTTACCAATGGATTGATCTCAT
TTTTGGCTATAAACAGCAAGGACCAGAAGCTGTCCGAGCCCTCAATGTGTTCTATTACTTGACCTATGAA
GGAGCTGTCAATCTGAATTCAAATAACTGATCCTGTGTTGAGAGAGGCTGTTGAAGCTCAATCCGAAGT
TTGGACAGACTCCTTCTCAACTACTCATAGAGCCCATCCTCCCAGAGGTTCTGCCATGCAAGTGAAGTCC
ATTGATGTTACAGACAAAGCCAGCAGGATGTTATCATGGTCTCAAGTTTCCCTCCAATCCCCTGTT
ACTCACGTGGCAGCCAACACCCAGCCTGGTTTGGCAACTCCCGCTGTGATCACAGTCACTGCTAACAGGT
TATTTGCGGTGAACAAATGGCACAACCTTCCAGCTCATCAAGGTGCTGTACAAGACCAGCCATACCAGT
GCCAGTGGAAATCGATCCTCTCATAGCCAGCAATACAGGAATGCACAGGAGGCAAACTCACTGACCTTTA
GACCAAAGTATTCAGTGCATTTCCAGTCTTTTGTCACTTCCAGACAACCGCTATATTCTCGTCTGTG
GCTTCTGGGATAAAAAGTTTCAAGTCTATTCTACAGACACAGGAAGATTGATCCAAGTGGTGTTTGGCCA
TTGGGATGTCGCTCACTTGCCTTGTCTGAGTCATATATTGGGGAAATTGCTACATTCTCTCAGGG
TCACGTGATGCAACTCTTTTGTGTGGTATTGGAATGGAAAATGCAGTGGGATTGGAGATAACCCAGGCA
GTGAGACTGTGCTCCTCGGGCATTGACCGCCATGACTATGAGGTCAATGTGCTGCGGTGTGTGC
GGAGCTAGGCCTGGTGTGAGTGGTTACAAGAAGGACCATGTCTCATACATTCCATGAATGGAGACTTG
TTGAGGACCTGGAGGGTCTGAAAAGTGCCTGAAACAAAACCTCATTCAAGGCTTCAAGAGAGGGTCAAT
GTGTCATATTCTATGAAAACGGCCTCTTCTGTACATTGAGTGTGAATGGAAAACCTCAGGCCACGATGGA
AACAGATGATAACATAAGAGCCATCCAGCTGAGCCGAGATGGGCAGTACCTGCTCACAGGAGGAGACAGA
GGAGTGGTGTGTCGGCAGGTGTGCGACCTCAAGCAGCTCTTGCCTATCCAGGATGTGACGCTGGAA
TCCGGGCCATGGCGCTGTCTTACGACCAGAGGTGCATATTTCTGGCATGGCTTACAGGAAGCATTGTGCT
ATTTTACAACGACTTTAACCGGTGGCATCATGAATACCAAACCCGCTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG217204 representing NM_006726
 Red=Cloning site Green=Tags(s)

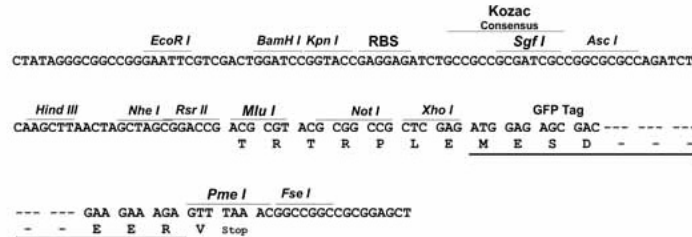
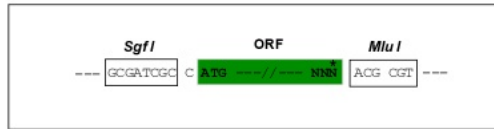
MASEDNRVSPSPPTGDDGGGGGREETPTEGGALSLKPGLPIRGIRMKFAVL TGLVEVGEVSNRDIVETVF
 NLLVGGQFDLEMFIIQEGESINCMVDLLEKCDITCQAEVWSMFTA I L K K S I R N L Q V C T E V G L V E K V L G K
 IEKVDNMIADLLV D M L G V L A S Y N L T V R E L K L F F S K L Q G D K G R W P P H A G K L L S V L K H M P Q K Y G P D A F F N F P
 G K S A A A I A L P P I A K W P Y Q N G F T F H T W L R M D P V N N I N V D K D K P Y L Y C F R T S K G L G Y S A H F V G G L I V T S I K
 S K G K G F Q H C V K F D F K P Q K W Y M V T I V H I Y N R W K N S E L R C Y V N G E L A S Y G E I T W F V N T S D T F D K C F L G S S E T
 A D A N R V F C G Q M T A V Y L F S E A L N A A Q I F A I Y Q L G L G Y K G T F K F A E S D L F L A E H H K L L L Y D G K L S S A I A F T
 Y N P R A T D A Q L C L E S S P K D N P S I F V H S P H A L M L Q D V K A V L T H S I Q S A M H S I G G V Q V L F P L F A Q L D Y R Q Y L S
 D E I D L T I C S T L L A F I M E L L K N S I A M Q E Q M L A C K G F L V I G Y S L E K S S K S H V S R A V L E L C L A F S K Y L S N L Q N
 G M P L L K Q L C D H V L L N P A I W I H T P A K V Q L M L Y T Y L S T E F I G T V N I Y N T I R R V G T V L L I M H T L K Y Y Y W A V N P
 Q D R S G I T P K G L D G P R P N Q K E M L S L R A F L L M F I K Q L V M K D S G V K E D E L Q A I L N Y L L T M H E D D N L M D V L Q L L
 V A L M S E H P N S M I P A F D Q R N G L R V I Y K L L A S K S E G I R V Q A L K A M G Y F L K H R P P K R K A E V M L G H G L F S L L A E
 R L M L Q T N L I T M T T Y N V L F E I L I E Q I G T Q V I H K Q H P D P D S S V K I Q N P Q I L K V I A T L L R N S P Q C P E S M E V R R
 A F L S D M I K L F N N S R E N R R S L L Q C S V W Q E W M L S L C Y F N P K N S D E Q K I T E M V Y A I F R I L L Y H A V K Y E W G G W R
 V W V D T L S I T H S K V T F E I H K E N L A N I F R E Q Q G K V D E E I G L C S S T S V Q A A S G I R R D I N V S V G S Q Q P D T K D S P
 V C P H F T T N G N E N S S I E K T S S L E S A S N I E L Q T T N T S Y E E M K A E Q E N Q E L P D E G T L E E T L T N E T R N A D D L E V
 S S D I I E A V A I S S N S F I T T G K D S M T V S E V T A S I S S P S E E D A S E M P E F L D K S I V E E E E D D D Y V E L K V E G S P T
 E E A N L P T E L Q D N S L S P A A S E A G E K L D M F G N D D K L I F Q E G K P V T E K Q T D T E T Q D S K D S G I Q T M T A S G S S A M
 S P E T T V S Q I A V E S D L G Q M L E E G K K A T N L T R E T K L I N D C H G S V S E A S S E Q K I A K L D V S N V A T D T E R L E L K A
 S P N V E A P Q P H R H V L E I S R Q H E Q P G Q G I A P D A V N G Q R R D S R S T V F R I P E F N W S Q M H Q R L L T D L L F S I E T D I
 Q M W R S H S T K T V M D F V N S S D N V I F V H N T I H L I S Q V M D N M V M A C G G I L P L L S A A T S A T H E L E N I E P T Q G L S I
 E A S V T F L Q R L I S L V D V L I F A S S L G F T E I E A E K S M S S G G I L R Q C L R L V C A V A V R N C L E C Q Q H S Q L K T R G D K
 A L K P M H S L I P L G K S A A K S P V D I V T G G I S P V R D L D R L L Q D M D I N R L R A V V F R D I E D S K Q A Q F L A L A V V Y F I
 S V L M V S K Y R D I L E P Q N E R H S Q S C T E T G S E N E N V S L S E I T P A A F S T L T T A S V E E S E S T S S A R R R D S G I G E E
 T A T G L G S H V E V T P H T A P P G V S A G P D A I S E V L S T L S L E V N K S P E T K N D R G N D L D T K A T P S V S V S K N V N V K D
 I L R S L V N I P A D G V T V D P A L L P P A C L G A L G D L S V E Q P V Q F R S F D R S V I V A A K K S A V S P S T F N T S I P T N A V S
 V V S S V D S A Q A S D M G G E S P G S R S S N A K L P S V P T V D S V S Q D P V S N M S I T E R L E H A L E K A A P L L R E I F V D F A P
 F L S R T L L G S H G Q E L L I E G T S L V C M K S S S V V E L V M L L C S Q E W Q N S I Q K N A G L A F I E L V N E G R L L S Q T M K D
 H L V R V A N E A E F I L S R Q R A E D I H R H A E F E S L C A Q Y S A D K R E D E K M C D H L I R A A K Y R D H V T A T Q L I Q K I I N I
 L T D K H G A W G N S A V S R P L E F W R L D Y W E D D L R R R R R F V R N P L G S T H P E A T L K T A V E H V C I F K L R E N S K A T D E
 D I L A K G K Q S I R S Q A L G N Q N S E N E I L L E G D D T L S S V D E K D L E N L A G P V S L S T P A Q L V A P S V V V K G T L S V T
 S S E L Y F E V D E E D P N F K I D P K I L A Y T E G L H G K W L F T E I R S I F S R R Y L L Q N T A L E I F M A N R V A V M F N F P D P
 A T V K K V V N F L P R V G V G T S F G L P Q T R R I S L A S P R Q L F K A S N M T Q R W Q H R E I S N F E Y L M F L N T I A G R S Y N D L
 N Q Y P V F P W I T N Y E S E E L D L T L P T N F R D L S K P I G A L N P K R A A F F A E R Y E S W E D D Q V P K F H Y G T H Y S T A S F
 V L A W L L R I E P F T T Y F L N L Q G G K F D H A D R T F S S I S R A W R N S Q R D T S D I K E L I P E F Y Y L P E M F V N F N N Y N L G
 V M D D G T V V S D V E L P P W A K T S E E F V H I N R L A L E S E F V S C Q L H Q W I D L I F G Y K Q Q G P E A V R A L N V F Y L T Y E
 G A V N L N S I T D P V L R E A V E A Q I R S F G Q T P S Q L L I E P H P P R G S A M Q V S P L M F T D K A Q Q D V I M V L K F P S N S P V
 T H V A A N T Q P G L A T P A V I T V T A N R L F A V N K W H N L P A H Q G A V Q D Q P Y Q L P V E I D P L I A S N T G M H R R Q I T D L L
 D Q S I Q V H S Q C F V I T S D N R Y I L V C G F W D K S F R V Y S T D T G R L I Q V V F G H W D V V T C L A R S E S Y I G G N C Y I L S G
 S R D A T L L L W Y W N G K C S G I G D N P G S E T A A P R A I L T G H D Y E V T C A A V C A E L G L V L S G S Q E G P C L I H S M N G D L
 L R T L E G P E N C L K P K L I Q A S R E G H C V I F Y E N G L F C T F S V N G K L Q A T M E T D D N I R A I Q L S R D G Q Y L L T G G D R
 G V V V V R Q V S D L K Q L F A Y P G C D A G I R A M A L S Y D Q R C I I S G M A S G S I V L F Y N D F N R W H H E Y Q T R Y

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:


ACCN: NM_006726

ORF Size: 8589 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_006726.1](#), [NP_006717.1](#)

RefSeq Size: 9909 bp

RefSeq ORF: 8592 bp

Locus ID: 987

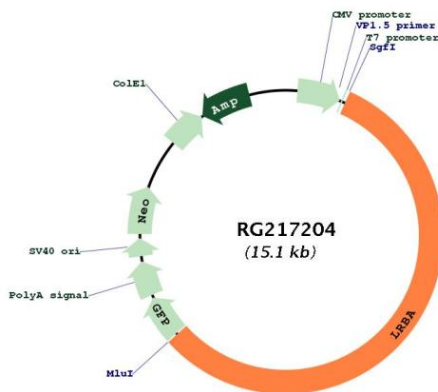
UniProt ID: [P50851](#)

Cytogenetics: 4q31.3

Domains: Beach, WD40

Gene Summary: The protein encoded by this gene is a member of the WDL-BEACH-WD (WBW) gene family. Its expression is induced in B cells and macrophages by bacterial lipopolysaccharides (LPS). The encoded protein associates with protein kinase A and may be involved in leading intracellular vesicles to activated receptor complexes, which aids in the secretion and/or membrane deposition of immune effector molecules. Defects in this gene are associated with the disorder common variable immunodeficiency-8 with autoimmunity. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]

Product images:



Circular map for RG217204