

Product datasheet for SC304399

BIRC6 (NM_016252) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BIRC6 (NM_016252) Human Untagged Clone
Tag:	Tag Free
Symbol:	BIRC6
Synonyms:	APOLLON; BRUCE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304399 representing NM_016252. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGACTGGTGGTGGTGTGCACCTCCCGGGACTGTCAGTGTGATTGTGCTG
AGCGCAGGCCGGAAGATGGCGGCTGCGGCTGCGGCGGCCCGGGCCCCGGCTGCTCCTCGGCGGGGG
GCGGGGGCGGCCGGGTCTCAGAGTGGTGGTGTGCGGGACGGCTGCATGCACTGCGACGCCGACGGG
CTGCACAGCCTGTCTACCACCTGCGCTCAACGCCATCTGGCCGCTCACTAGCCCGGGACCATCAAA
GTCATCGACGGCACCTCGGGGGCCACACTGCAGGCCTCCGCGCTCAGTGCTAAACCAGGTGGACAGGTG
AAATGTCAGTATATCTCTGCTGTGGATAAAGTTATATTTGTGGATGATTATGCAGTAGGGGTAGGAAG
GACCTTAATGGAATCTTGTGTTAGACACTGCTCTGCAAACCTCCAGTTTCAAAGCAGGATGATGTGGTT
CAGCTTGAATTACCCGTTACAGAGGCACAGCAGCTTATCAGCATGTTTAGAAAAGGTAGATATTTCT
AGTACAGAGGGTTATGATTTGTTTCATCACACAGCTCAAAGATGGTTTAAAAAATACATCTCATGAGACT
GCAGCAAACCACAAAGTTGCTAAGTGGGCCACAGTTACATTTTCATCTTCCATCATGTGTTGAAGTCC
ATTGCCAGTGCCATTGTAATGAACTCAAGAAAATAAATCAAAATGTTGCTGCCTTACCTGTGGCGTCC
TCAGTGATGGACAGATTGCTTACCTCTTACCTAGTGCACGTCCAGAACTCGGAGTGGGGCCAGGCCGT
TCTGTAGACAGATCACTGATGTATAGTGAAGCTAACAGACGGGAGACATTTACCTCATGGCCTCATGTA
GGCTATAGGTGGGCACAACCAGATCCCATGGCTCAAGCTGGATTTATCATCAGCCTGCCTCATCTGGA
GATGATAGAGCCATGTGTTTTACTTGTAGTGTATGCCTCGTTTGTGGAACTACTGATGAACCTTGG
TCTGAACACGAAAAGACATTCCCCAACTGCCATTTGTGAAAGGTGAGCACACAGAATGTGCCATTG
TCAGTCACTCTTGCAACAAGTCTGCACAGTTTCTTGTACGGATGGAAGTACAGAAATATCTTGCTTT
GGGTCGGGAGCTGCCCTCATTTTCTAGCTGCTGCAACTAAACGAGGAAAGATCTGCATATGGGATGTT
TCCAAACTTATGAAGGTGCACTTAAAGTTTAAATTAATGCCTATGATCCAGCAATTGTACAACAGCTT
ATTCTATCAGGAGACCAAGCTCAGGAGTTGATTCAAGGAGACCAACTTTGGCGTGGCTGGAGGACTCC
TCTAGTTGCTCAGATATACAAAATTGGAAGGAGATAGTGATGATTTACTGGAGGATTGACAGAGTAA
GAGCATTCCAGATCAGATTCTGTGACAGGCATACATCACAGAAGGAAGCCATGGAAGTAAGCCTTGAT
```



[View online »](#)

ATAAACAGCACTCAGCATTCTCCAACAGCCAGAAAACTTCAGTGGGAGATTGTTGCAAATGTGCTTGAA
 GATACTGTTAAGGATCTTGAAGAACTTGGGGCAAATCCTTGTTTAAACAACTCTAAGAGTGAAAAGACA
 AAGGAAAAGCACCAGGAGCAACACAACATTCCTTTTCCATGTTTATTAGCTGGAGGTTTATTAACATAT
 AAATCTCCTGCTACCTCACCCATTAGTAGTAATCTCACAGGTCCTGGATGGTTAAGCAGAAGCTCAG
 GGTGAAAGTATATCAGAACAAGGGTCAACTGACAATGAATCCTGCACTAATTCAGAACTAAATTCCT
 CTGGTAAGGAGGACTTTACCGGTTTTGCTTCTTATAGCATCAAGGAATCTGATGAGAAAGCAGGAAAG
 ATCTTTTACAGATGAACAATATTATGAGTAAAAGTTTGCATGATGATGGTTTTACTGTTCCACAGATT
 ATTGAAATGGAGCTGGATAGTCAGGAGCAGTTGTTATTGCAGGATCCTCCTGTGACTTACATTCAGCAA
 TTTGCAGATGCAGCAGCCAACCTTACCTCTCCGGATTCTGAGAAGTGAACTCTGTGTTTCCCAAGCCT
 GGGACTTTGGTTCAGTGCTTGGAGCTGCCAAAGTTTGCAGAGGAGGAGAATCTTTGTATAGACTCAATA
 ACTCCTTGTGCTGACGGAATTCATTTGTTGGTAGGACTGCGGACATGCCCTGTTGAATCCTTGAGTGCA
 AATAATCAAGTAGAGGCTTGAATAATTTAAATAAATTAAGTCTGCACTATGTAATAGACGAAAAGGT
 GAGCTGGAATCAAATCTGCTGTAGTGAATGGTGCAAATATTAGTGAATCCAACATGAATCACCAGCA
 GATGTACAGACTCCTTAATAATTCAGCCTGAGCAGAGGAATGTTAGTGGTGGATATTTAGTGCTTTAT
 AAAATGAATTATGCCACTCGGATAGTGACTTTAGAAGAGGAGCCAATAAAAAACAACATATCAAAGAT
 CCCAGGACACAATTACCTCGCTCATTTTGCTTCCACCCGATATATTGGATAATCGAGAGGATGACTGT
 GAGGAACCTATTGAGGACATGCAGTTAACCTCAAAGAATGGTTTTGAGAGAGAAAAACGCTGACATT
 TCTACTCTTGGACACCTGGTAATAACCCTCAGGGAGGATATGTAATAACTAGATCTTCAAACCTTT
 GAAATTTTGGCCAAAGTGGAGCCTCCCAAAAAGGAGGGCACTGAGGAACAGGACACATTTGTTTCTGTG
 ATTTACTGTTCTGGCACAGACAGGCTGTGTGCATGCACCAAAGGTGGTGAGCTTCATTTTCTCAAAT
 GGAGGAACCTGTGATGATATTGATGAAGCTGATACTAGTGGATGGATCTTTTCTAAAGGAATAGAA
 CCATCTTCAGAAGTTCCAAACCTTTATCAAATCCTTCAAGTCTGGCATTTCAGGAGTTGATTTATTG
 GTGCTCAGCCATTACCCCTTGAATCTTGACATCCCTAGTGGAGCTAACCCGCTTGGAGACTTGGACT
 CCAAGGTTTTTTCAGCGACTGTTCCCTCCATGCTGGGTAGAAGTTCAACAAGAAGCAGCAGAAAGGAGCAT
 CCTCAACATTTGCATCAGCAACACCATGGTGTGCTGCTCAGCATACTCGAACTTGGAACTACAGACC
 GACAGCAACAGCTGGGATGAACATGATTTGAATTAGTACTACCTAAAGCTTGTATGGTTGGACATGTG
 GACTTCAAATTCGTTTTGAACTCAAACATACCAATATTCCACAGATAACAAGTACACTGCTGAAAAAT
 AAAGCTCCAGGATTAGGGAAAGTCAATGCTCTTAACATTGAAGTGAACAAAATGGGAAACCGTCCCTG
 GTTGATTTGAATGAAGAAATGCAGCACATGGATGTAGAGGAATCACAGTGTCTTAGATTATGTCCATTT
 TTGGAGGATCATAAAGAAGACATTTCTATGTGGCCAGTATGGCTTGTAGTGGCCTTGTATCAGGG
 CATGCTGGAATGTTGACGTTAACAAGCCCCAACTTGTAAAGGTATGGCAGGAGGAAAAATCGTTTCG
 TTTTAAATCCATGTCAAGGCAGTGAATGAAAGAGGAACAGAAGAGATTTGTAATGGTGGTATGCGTCT
 GTAGTAAGGCTTCCATCCCTAAAACACCAGAGTAACAAGGGTTATTCACTTGCTTCACTTTTGGCTAAA
 GTTGACAGCAGGCAAGGAAAAATCATCTAATGTTAAGAATGAAAATACAAGTGGCACCCGTAATCTGAA
 AACCTCCGGGGCTGTGATTTACTTCAAGAGGTCTCAGTACCATTTCGAAGATTTAAGAAAACCTCAATT
 TCTAAGGAAAGAGTGCAACGATGTGCCATGTTACAGTTTTTCAAGATTTTATGAGAAGCTTCTAATACT
 CTTTGCAGAAAAACAGATGATGGCCAGATCACAGAACATGCCAGAGCCTTGTGTTGGTACTCTCTGT
 TGGTTAGCTGGAGTTCATTCAAATGGACCCGGAAGCTCAAAGGAAGGAAATGAGAACCTACTTTCAAAA
 ACACGAAAAATTTCTGTCAGACATCGTACGTGTTTCTTTGAGGCAGGACGAAGTATAGCCATAAG
 TGTGCCCGATTTCTAGCCTTGTGCATTAGTAATGGCAAATGTGACCCATGTCAACCAGCATTTGGACCT
 GTTCTGTTGAAGGCTTTACTTGATAATATGTCATTTTTACCTGCAGCAACAACCTGGTGGTTCTGTCTAT
 TGGTATTTTGTCTTACTGAATTATGTGAAAGATGAAGTCTGGCTGGATGCAGTACAGCTTGTGCATCT
 TTGCTTACTGCAGTGTCCAGACAGTTACAGGACAGGCTAACACCAATGGAGGCTTACTTTCAGACAAGA
 TATGGATTATAGTCCACCATTTGATCCAGTCTCTTTGATTTGGAGATGAGTGGCTCTCTTGTAAA
 AATGTTTATAACAGCAGCATTGGTGTCCAGTCAAGTGAATGATTTATCAGATGCTCTTCAGGAAAT
 GGAAGGTCAGTAGTTGCACAGCTGCTGAGGGTAGTTTACATCTCTCACTGGACTTTTGGAAAGTTGAA
 CCTCTGCACTTTACTTGTGTGCAACTAGTGTGGAACCAAGAAAGGATGATGCAATGAGTTCC
 TTCCGGGTTACTCCTGCAGTAGGTGGACTATCATCTGGGACAGTTGGGGAAGCCTCGACAGCCCTGAGT
 TCAGCAGCCCAGGTAGCTTTGCAGTCTCTCTCATGCAATGGCTTCAGCCGAGCAACAGCTACAGGTG
 CTGCAAGAGAAACAGCAGCAGCTTTTGAAGCTTTCAGCAACAGAAAGCAAAGCTGGAAGCCAAAGTTACAT
 CAGACAACAGCTGCAGCAGCTGCAGCAGCATCAGCAGTAGGTCTGTTCACAACTCTGTGCTTCCAAC
 CCAGTGGCTGCCCTGGATTCTTCATTCATCCATCTGATGTTATTCCACCCTCAAAAAACAACACT

CTTTTATGACTCCACCACTCACTCCACCCAATGAAGCAGTTTCCGTTGTGATTAATGCCGAACCTGCA
 CAGTTTTCCAGGCTCAGTCATTGATCCCCAGCAGTCAATCTTGCTGCACATAACAAAAATCCAAC
 AAGTCCAGAAATGAATCCACTTGGTTCTGGTCTAGCCCTTGCAATTTCTCATGCTTCACATTTTCTCAA
 CCTCCGCTCACCAGTCCATTATATAGAGCGAATGCATTGAGGAGCAAGAAGATTTGTGACCTGGAT
 TTTGGGAGGCCTATATTGTTGACTGATGATTGATCCCACTTGTGGAGACTTGGCTCTTTGTCAATT
 GACATTTGGACATTAGGAGAAGAGGTGGATGGAAGCGGTTGGTGTGCAACTGATATAAGCAGTCAT
 TCACTAATCTTTCATGACTTAATACCACCTCCCGTGTGCAGATTATGAAGATCACTGTTATTGGACGT
 TACGGGAGTACAAATGCCAGAGCCAAAATCCCATTAGGATTTTACTATGGTCATACCTACATCTTGCCCT
 TGGAAAAGTGAAGTGAAGTTAATGCATGATCCTCTAAAGGGAGAGGGAGAATCTGCAAACAGCCAGAA
 ATTGACCAGCATTTAGCAATGATGGTTGCTTTCAGGAGGATATACAGTGCAGGTATAACTGGCTTGT
 CATCGTCTGAAAACCTTTTGCAGGATTGATCTTCTCCTCTAAACAGTGCTAACAATGCACAGTAC
 TTTTACGAAAACAGATAAAGGCAGTTGAGGAAGACAGTAGGGTTTTTCTGCTTATCAAGATTGTATT
 CAGCTACAGCTTCACTAAATTTGGCTCATAATGCAGTGCAGAGGCTCAAAGTGGCCTAGGTGCAAGC
 CGAAGATGTTGAGTGAACATCAAATCCAGAAGATTTAATTCAGACATCTTCCACAGAGCAGTTACGT
 ACTATCATCAGATATTTACTGGACACTTGTCTCAGCCTGCTTCATGCTTCTAATGGACACTCTGTTCT
 GCAGTTTTGCAGAGCACATTTGATGCCAGGCTGTGAAGAGCTCTTAAACACTTGTGCATCAGTGGAA
 ACCCAAAGATACGGTTACATACTGGTCTTCTTCTTGTCAACTGTGTGGTGGTGAAGGTGGTGGGGT
 CAATTTCTTTCTAATGTCCTTCAGGAATGTACAATTCGGAACAGCTTCTCATCTTCCACAGGATAGG
 GTCTTCATGTTACTTTCTGCAATGGTCAAAGTCACTTAGTAATAGTGGAGTATTAGAAAAGCTTACTT
 AATCTCTTGATAATTTATTGTCACCTCTTCAGCCACAGTTACCCATGCATAGGAGGACAGAAGGAGTA
 CTAGATATTCATGATCAGTTGGGTTGTTATGCTGGTGTCCAGGTTGCTGGATTATGTGGCAACTGTT
 GAAGATGAAGCAGCAGCTGCAAAGAAACCTTTGAATGGTAATCAGTGGAGTTTTATTAACAATAACTA
 CACTCAGAGCTTAAATAGATCTTCTAAAGGCAGCAGTAGCCTTGATAGATTATTTCCAGAAAAATC
 AGAAAGCAGCTTGTTCATCATAAACAGCAACTAACCTACTAAAAGCAAAGCAGAAGGCATTGGTAGAA
 CAGATGGAAGAAAGAAAAATACAAGTAACAAAGGATCATCATATAAACTCCTGGTAGAACAAAGAAAA
 CTAAGCAGGCCACTTCAAAGCACTTTAAGGATTTAATTCGTTTACGTCGGACAGCAGAATGGTCCCGT
 TCTAATTTAGACACAGAAGTTACAACAGCAAAGAAAGTCTGAGATAGAACCCTTCCATTTACTCTG
 GCCATGAGCGTTGATCTCAGTAGTCCAGAACTTGTCTGTTTCTTCTCCTCCATGGACTTTACATGT
 CATGCAGATCTCTATTGTTTGTGTTGTAAGGTTCTTGCACGATTGCAAATGCCACGAGGCCAACTATT
 CATCTGTGTGAGATTGTGAACGAACCCAGCTGGAAAGACTGCTGTTACTTTTGGTTGGAAGTACTTC
 AATAGAGGAGATATATCTTGGGGTGGTGTGGGCTCAGTATTCCTTAAGTGCATGCTACAAGATATT
 TTAGCAGGAGAATTACTGGCTCCAGTAGCCGAGAAGCCATGGAGGAAGGAACAGTGGGTGATGATGTA
 GGTGCGACAGCTGGTACTCTGATGACTCCCTCAACAGTCCCTCAGTTGCTGGAAGTATAGAT
 GAACCTTTGACACATGACATAACAGGTGCACCTCCTCTGTCTCTTGGAAAAAGATAAAGAAATGAC
 CTTGAGTTACTTCAGGATCTAATGGAAGTTGACATTGATCCTTTAGATATTGATTTGAAAAGGACCCCT
 CTTGCAGCCAAGGTTTTTAAGCCAATAAGCAGTACATGGTATGATTATTGGGGTGTGATTATGGGACC
 TACAATTACAACCTTACATTGGAGGTCTGGGAATTCCTGTAGCAAAGCCACCAGCAAACACGGAGAAG
 AACGGATCACAGACAGTTAGCGTTTCAGTCTCTCAGGCCCTGGATGCTCGCCTAGAAGTTGGACTTGAA
 CAGCAAGCAGAAGTATGTTGAAAATGATGTCTACTCTGGAGGCAGATTCCATTTTACAGGCATTAACA
 AATACATCTCCTACATTACACAGTCTCCCACTGGAACAGATGATTCATTTAGGGGTTTACAAGCA
 GCAAACCAAACAGCCAGCTTATTATACAGTTATCATCTGTCCCAATGTTAAATGTTTGTTCACAAAA
 CTTTTTCCATGCTTCAAGTCCATCATGTTGAGTTGGAGTCACTTCTCCAATTGTGGCTCACACTGAGC
 CTGAATTTAGTTCAACTGGAACAAAGAAAAATGGAGCAGACATATTTTTATATAATGCTAATAGGATA
 CCTGTTATTTTCAATAAATCAAGCATCAATAACTAGCTTCTCACAGTGTAGCTTGGTATCCCAACT
 TTGCTCCGACATGGTGCCTTGTCTTCAAGCCTAACACTCATGACAAACATGCAGCTTAATCTGGT
 TCCAGCAGTGCATTGGAAGTCCAGGAGTACTGCTCATTGTTGGTTTCAGATCCAAACCTAATTCAT
 GTATTAGTGAAATTTCTTCTGGCACCAGTCCACATGGAACAAATCAACACAGTCCACAGTTGGTCT
 ACAGCTACACAAGCTATGCAAGAATTTCTTACTCGATTACAAGTGCATCTTTCTCAACATGTCCTCAG
 ATATTCAGTGAATTTTGTCAAGCTAATTCATATACTTTCAACTGAAAGGGGTGCTTCCAGACAGGC
 CAAGGACCTCTCGATGCCAAGTGAAGCTTTAGAAATCACTCTGGAGCAGAATTTGAAGTCGTTTCA
 GTTAGTACTATTTCTGCCGTGATAGAATCGGTTACATTTTGTGACCACTATATCACTTGTCTCAGAC
 AAAGTAATGTCAAGAAAGTGGATCAGATAGCTCCGTGGTGTCTCGAGCATGCTTTGGGGACTCTTTGCC

AATCTTATTCGTCCGGGTGATGCAAAAGCAGTTTGTGGCGAAATGACAAGAGATCAACTCATGTTTGAT
 TTGTTAAAACCTGTTAACATTTTAGTGCAGCTGCCTCTTCAGGCAATAGGGAATACAGTGCAAGAGTG
 TCTGTGACCACAAATACAACAGATAGTGTTCAGATGAAGAAAAAGTCTCAGGAGGCAAAGATGGCAAT
 GGAAGCAGTACCAGTGTCAAGGATCGCCTGCATATGTTGCTGACTTAGCTTAGCCAACCAACAAATT
 ATGAGCCAGATTTTGTCTGCTCTGGGCCTGTGTAATAGCAGTGCCATGGCAATGATAATTGGAGCAAGT
 GGATTACATCTCACTAAACATGAAAACCTTCATGGTGGGTTGGATGCCATATCAGTTGGGGATGGATTA
 TTTACCATACTGACAACCCTTAGTAAAAAGCTTCTACAGTCCACATGATGCTGCAGCCAATTTTAAACA
 TACATGGCCTGTGGATATATGGGCAGACAAGGCTCTTGTCTACTTGCCAGTTATCTGAGCCATTATTG
 TGGTTCATTTTGAGAGTATTGGATACTAGTGATGCCTTGAAGCATTTCATGATATGGGTGGTGTTCAG
 CTCATATGCAATAATATGGTTACTAGTACAAGGCTATTGTGAACACTGCAAGAAGTATGGTATCAACT
 ATTATGAAATTTCTGACTCTGGTCCAAATAAAGCTGTTGACAGCACATTGAAAAACAAGAATACTAGCT
 TCTGAGCCTGACAATGCTGAAGGATTCAACTTTGCACCCCTCGGTACAATCACATCTAGCAGTCTCT
 ACTGCCAACCCAGCTGAAGTCTATTGCAGGCCACCTCCTCACAGAAGAGCTCGCTCTGCTGCTTGG
 TCCTACATCTTTCTCCAGAGGAGGCTTGGTGTGACCTTACCATTACCTTCTGCAGCAGTGTCTGCTT
 AAGGAGATACATATCCAGCCTCATCTTGCATCTTGAACCTGCCCTTCTCAGTGTCTGTTGAAGTA
 AGTGCAGATGGGGTAAATATGCTACCTTTGTCCACTCCTGTTGTACAAGTGGCCTCACCTACATAAAA
 ATTCAGCTTGTAAAAGCCGAAGTAGCTTCTGCTGTCTGCCTTAGACTACATCGTCCACGGGATGCCAGC
 ACATTAGGCCTTTCACAAATTAATTTATGGGGCTCACTGCTTTTGGTACCACCTTCTGCAACAGTT
 AATAATCCATTCTTCCATCTGAAGATCAGGTATCCAAAAACAAGTATTGGATGGTTACGGTTATTACAT
 CATTGCCTTACTCACATAAGTGTCTAGAAGGAATGATGGCAAGTGCAGTGCACCTACTGCTAATCTG
 CTGCAGACTTGTGCGGCCTTATTGATGTCACCTTACTGTGGAATGCATTCACCCAACATCGAGGTTGTG
 CTTGTAAGATAGGACTGCAGTCTACTAGAATTGGCCTGAAGCTCATAGACATTTCTGAGAAAATTGT
 GCAGCATCAGGCAGTGCCTACAGATTTGAATAGTCTTTACTTTTTGGAAGACTAAATGGACTCTCT
 TCTGACTCTACGATAGATATTCTTTACCAGCTTGAACAACCTCAGGATCCTGGTACAAAAGACAGAATT
 CAGGCCTTGTAAAATGGGTTAGTGATTCTGCAAGAGTGGCTGCTATGAAGAGAAGTGGCAGGATGAAC
 TACATGTGTCCTAACTCCTCAACAGTAGAGTATGGTCTTCTGATGCCATCTCCTTCTCATTGCACTGT
 GTAGCAGCCATTCTGTGGCATAGTTATGAGCTGCTTGTAGAATATGACTTACCAGCACTCTGGACCAA
 GAGCTCTTTGAGTTACTTTTTAATTGGTCCATGTCTTCCCTGCAATATGGTTTTGAAGAAAGCTGTT
 GACAGTCTACTTTGCTCAATGTGCACGTACCCCAAACCTATTTTTCTTGTCTATGGGCTGGATGGGA
 ATTACCCCTCCTCAGTGAATGTATCATAGACTGTCCATGACAGATGATAGCAAAAAGCAGGATCTT
 AGTTCATCTTTAACAGATGACTCTAAAAATGCACAAGCACCTCTCGCATTAACTGAATCACATTTGGCT
 ACCCTTGCTTCTTCTCAATCTCCTGAAGCTATTAACAATTACTAGACTCAGGTTTGGCTTCTCTT
 CTTGTGAGGAGTCTGGCTAGTTTCTGCTTTAGCCACATTTCTAGCTCAGAAAGCATTGCCAGTCAATA
 GATATTTCCAGGACAAACTCAGGCGCCATCATGTCCACAACAATGTAATAAGATGCCTATCACAGCC
 GACCTAGTTGCTCCTATTCTTAGGTTTTGACAGAAGTTGGCAATAGCCATATTATGAAAGATTGGCTT
 GGTGGTTCTGAAGTCAATCCACTATGGACAGCACTTCTGTTTTTATTGTGCACTCTGGGTCACCTTCT
 GGAAGCCATAATTTAGGTGCACAACAGACCAGTGAAGATCAGCTTCTCTTTCTCAGCTGCTACAACA
 GGACTGACTACTCAACAGCGCACAGCAATTGAGAATGCAACTGTTGCGTCTTTCTACAGTGCATTTCA
 TGCCATCCTAATAATCAAAGCTGATGGCACAGGTTCTTTGTGAAGTATTTTACAGATCTCCTCAAAGA
 GGAACCTTCCAACATCTGGGAACATTTAGGGTTTATACGAAGATTATTTTTACAGTTGATGCTGGAA
 GATGAGAAAGTGACAATGTTTCTCAGTCTCCATGTCCACTGTACAAAAGTGAATAATGCTACTAGC
 CAGCTCATCCAGCATCCAATGTATGGAGCAGGCCACAAATCCGTACTCTTATTGGCAGTCTCAACA
 ACATTATCAGATGTTCTTGACAGAGTGTGAGACTCCAAGTATCACAGCTAAATTAATTAGTGAACAA
 AAAGATGACAAAGAAAAGAAAACCATGAAGAGAAAAGAAAAGTTAAAGCGGAAAATGGATTTCAAGAC
 AATTACAGTGTGTTGTTGCCTCTGGGCTGAAGTCTCAATCTAAACGTGCTGTGTCAGCTACACCACCT
 CGCCACCATCCAGGAGGGGAGGACAATACCTGATAAAAATAGGAAGTACTTCAGGAGCAGAGGCTGCC
 AACAAAATAATTACTGTCCAGTGTTCACCTGTTTACAAAACCTTGGCAGGCCAGCCATTGCCAGCT
 GAAATGACACTTGGCCAGCTTTTAACTCTCTATATGACCGAAAACCTTCTCAGGTTACCAGCTCAATA
 GATCTGACTGTTAAATGGGATCAAGAGTTATAACAGACCCCACTATCAAAAACAGATTTCTTATAAA
 AGACTACACCCTGAAAAAGATCATGGAGACTTACTTGCTAGCTGTCCAGAAGATGAGGCTCTCACTCCA
 GGTGATGAATGCATGGATGGGATACTGGATGAATCTTTGCTTGAACCTGTCCAATTCAGTCACCATTA
 CAAGTTTTTGCAGGAATGGGTGGACTGGCTCTTATTGCTGAAAGACTACCCATGCTATATCCAGAAGTA

ATTC AACAGGTGAGTGCCTCAGTTGTAACATCTACCACTCAGGAAAAGCCGAAGGATAGCGATCAGTTT
 GAATGGGTGACCAATTGAACAGTCAGGGGAGTTAGTTTATGAAGCACCAGAAAAGTTGCGGCTGAACCT
 CCACCTATCAAGTCAGCAGTACAGACCATGTCTCCCATACCTGCCATTCTTTGGCTGCTTTTGGATTA
 TTTCTTCGTCTCCGGGCTATGCGGAAGTGCTACTGAAAGAGAGAAAACATGCCAGTGCCTTCTCGA
 TTGGTATTGGGAGTGACAGATGATGGAGAAGGAAGTCATTTCTCAATCTCCATCAGCCAATGTGCTT
 CCAACCTTCTCTTCCACGTCTTCGTAGCTTGTTAGCACTACACCTTTGACAACCTGATGATGGTGTA
 CTTCTAAGGCGGATGGCATTGGAATTTGGAGCCTTACACCTCATTCTTGTCTGTCTCTGTCTTTGAGC
 CACCATTCCCACGAGTTCCAAACTCTAGCGTGAATCAAACCTGAGCCACAGGTGTCAAGCTCTATAAC
 CCTACATCAACAGAAGAACAACAGTTATATTGGGCCAAAGGGACTGGCTTTGGAACAGGCTCTACAGCT
 TCTGGGTGGGATGTGGAACAAGCCTTAAGCAAAAGGCTGGAAGAGGAACATGTTACCTGCCTTCTG
 CAGGTTCTTGCCAGTTACATAAAATCCCCTCAGTAGTGCAGTAAATGGAGAAGCTCAGTCATCTCATGAG
 ACTAGAGGGCAGAACAGTAATGCCCTTCTTCTGTACTTCTCGAGCTTCTCAGTCAGTCTGCCTCATC
 CCAGCCATGTCATCTTATCTACGAAATGATTCAGTTCTGGACATGGCAAGACATGTGCCACTCTATCGG
 GCACTGCTGGAATTGCTTCGGGCCATTGCTTCTGTGCTGCCATGGTCCCCTATTGTTGCCCTTTCT
 ACAGAGAACGGTGAAGAGGAAGAAGAACAGTCAGAAATGTCAAACCTCTGTTGGTACATTGTTAGCCAAA
 ATGAAGACCTGTGTTGATACCTATACCAACCGTTTAAAGTCTAAAAGGGAAAATGTTAAAACAGGAGTA
 AAACCAGATGCGTCTGATCAAGAACCAGAAGGACTTACTCTTTTGGTACCAGACATCCAAAAGACTGCT
 GAGATAGTTTATGCAGCCACCACGATTTGCGGCAAGCAAATCAGGAAAAAAAAGTGGGTGAATACTCC
 AAGAAGGCGGCTATGAAACCCAAACCTTTGTCAGTATTAAGTCACTTGAAGAAAAATATGTGGCTGTT
 ATGAAGAAATTACAGTTTGATACGTTTGAATGGTTTCTGAAGATGAAGATGGGAAATTTGGGATTTAAA
 GTAAATTACCACTACATGTCAGGTGAAAAATGCTAATGATGCGAACAGTGTGCCAGAGCTCGCCGC
 CTTGCCAGGAAGCTGTGACGCTTCAACCTCACTGCCTCTGTCTCATCCTCTAGTGTGTTGTACGC
 TGTGATGAGGAGCGACTTGATATCATGAAGTTCTAATAACTGGTCCAGCGGACACCCCTTATGCAAA
 GGCTGCTTTGAGTTTGATGTGTATTTTCCCTCAAGATTATCCAGTTTACCCCTCTTGTGAATCTAGAG
 ACAACTGGTGGTCATAGCGTGCGATTCAATCCAAACCTTTATAATGATGGCAAGGTTTGTAAAGCATC
 TTAACACGTGGCATGGAAGACCAGAAGAGAAGTGAATCCTCAGACCTCAAGCTTTTGAAGTGTG
 GTGTCTGTCCAGTCCCTTATATTAGTAGCTGAGCCTTATTTTAAATGAACCGGGATATGAACGGTCTAGA
 GGCACCTCCAGTGGCACACAGAGTTCTCGAGAATATGATGGAAACATTGACAAGCAACAGTTAAGTGG
 GCAATGCTAGAACAAATCAGAAACCTTACCAGTGTAAAAGAGGTAATACACAAACATTTTACTTG
 AAAAGAGTTGAGATAATGGCCCAATGTGAGGAGTGGATTGCGGATATCCAGCAGTACAGCAGTGATAAG
 CGGTAGGCAGGACTATGCTCACCATGCAGCAGCTCTCAAGCGTCACACTGCTCAGCTCCGCGAAGAG
 TTGCTGAAACTTCCCTGCCCTGAAGGCTTGGATCCTGACACTGACGATGCCCCAGAGGTGTGCAGAGCC
 ACAACAGGTGCTGAGGAGACTCTAATGCATGATCAGGTTAAACCCAGCAGCAGCAAAAGAACTCCCCAGT
 GACTTCCAGTTATGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI
ACCN: NM_016252
Insert Size: 14574 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.

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_016252.3](#)

RefSeq Size: 15718 bp

RefSeq ORF: 14574 bp

Locus ID: 57448

UniProt ID: [Q9NR09](#)

Cytogenetics: 2p22.3

Domains: UBCc, BIR

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

MW: 530.3 kDa

Gene Summary: This gene encodes a protein with a BIR (baculoviral inhibition of apoptosis protein repeat) domain and a UBCc (ubiquitin-conjugating enzyme E2, catalytic) domain. This protein inhibits apoptosis by facilitating the degradation of apoptotic proteins by ubiquitination. [provided by RefSeq, Jul 2008]