

Product datasheet for MR220944

Ubr5 (NM_001081359) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ubr5 (NM_001081359) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ubr5
Synonyms: Edd; Edd1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR220944 representing NM_001081359
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACGTCCATCCATTTCTGGTCCACCCGCTGCCGGCACCGAGGACCAGCTCAATGACAGTTACGGG
 AAGTTTCAGAGAAGCTGAACAAGTACAATTTGAACAGCCACCCACCTCTGAATGTACTGGAGCAGGCTAC
 TATTAACAGTGTGTGGTGGGACCCAATCACGCCGCTTTCTTCTTGAGGATGGCAGAATTTGTAGGATT
 GGTTTTTTCAGTACAACCAGACAGACTGGAATTGGGTAAACCTGATAATAATGATGGGTCAAACCTGAACA
 GCAGCTCGGGGACAGGGAGGACCTCTAGGCCAGGAAGGACAAGTACTCCCGTGGTTTTCTCTCAGGTTT
 TGAGACTCTGGGAGGTTGGCAGGCAACTCTGGGAAGCCGCTGGAGTTCTGGCGTGGGGGAAGTGGA
 GGAGGCTCCTCTGGTCTGCTCTGCTGGAGCTCGTGATTCCCGGCGACAGACTCGAGTCATTCCGACTG
 GCCGGGATCGGGGCTGGACTCCTGGGAGTCAGCCCCAGCAGTTATTCCAGCATCTGTATTCTCTGA
 GGAGCTGATATCACAGGCACAAGTTGTTCTACAAGGCAATCGAGAAGTGTATTTCGAGAATTTCAG
 AGAACAAATCTTGATGTCAACCTTGCTGTAATAACTTACTGAGCCGGGATGATGAGGATGGAGATGACG
 GTGATGACACAGCCAGTGAATCTTACCTGCCGGGAGAAGATCTTATGCTCTTCTTGACGCTGACATTCA
 CTCTGCCACCCAAGTGCATTATTGATGCTGATGCCATGTTTTCTGAGGACATTAGCTATTTTGGTTAT
 CCTTCTTTTCTGCTTTCATCCTCTAGGCTAGGCTCATCAGGATTTCTCCTTCCCTTAGAGAGAG
 ACTCAGAGCTTCTGCGGGAACGGGAGTCTGTTCTACGTTTACGGGAGCGCGGTGGCTTGTATGGAGCCTC
 ATTTGATAATGAAAGGGCTCTACCAGCAAGAGGGAGAGTCAAACCCGATAAAGAACAACCGCTGTT
 CAGAGTCCAGTGTCTCTGGGAGAAGACTTACAGTGGTGGCCTGATAAGGATGGAACAAAATTTACCTGCA
 TTGGGGCTCTGTATTCTGAGCTTCTGCTGTCAGCAGCAAGGAGAATTTATCAATGGAATGGAGTGA
 ATCTGAGCCTTACAGAAATGCCAGAATCCTTCATTGCATCATCCAGCAACATTTTTGGGTTGACC
 AATGAAAAGATAGTCCTTGTCTGCAAAATAGCATAAGAGCAACTGTAGCTACTGAAAATAACAAGTTG
 CTACATGGGTGGATGAAACATTAAGTTCTGTGGCTTCTAAGTTAGAACACACAGCACAGACTTACTCTGA
 ACTTCAAGGAGAACGGATAGTTTCTTACATTGCTGTGCCCTTATACCTGTGCCAGCTGGAGAATAAT



[View online >](#)

TTGTATTGGTGGGGTGTGTTCCTTTTCAGTCAAAGGAAGAAAATGTTAGAGAAAGCTAGAGCAAAAAATA
 AAAAGCCCAATCCAGTCTGGTATTTCTTCCATGCCAAACATCACTGTTGGAAGCTCAGGTGTGCTTGAG
 AAATAACCCTCTCTACCATGCTGGAGCGGTTGCCCTTTTCAATTAGTGCTGGCATTCTAAAGTTGGTGTC
 TTGATGGAGTCAGTATGGAATATGAATGATAGCTGTAGATTTCAACTTCGGTCTCCAGAGAGCCTGAAGA
 GCATGGAAAAAGCCAGCAAACTCTTGAGACAAAGCCCGAGAGTAAGCAGGAACCAAGTAAAAACAGAAAT
 GGGCCCTCCACCATCACCAGCATCCACCTGCAGCGACGCGTCTCAATTGCCAGCAGTGCATCCATGCCA
 TACAAACGACGTGGTCAACTCTGCCCGAGAGAAGAGGAGAAGGTGAACGAGGAGCAGTGGCCCTTC
 GGAAGTTGTTTTGTTGAAGATGTTAAGAACGTTCTGTGGCAAGGTGCTGAAGGTAGATGGTGCCTA
 TGTGCTGTAAAGTTTCCAGGAACATCTACTAACACCACCTGTCAGAACAGCTCTGGTCCAGACGCCGAC
 CCTTCTCGCTCCTGCAGGACTGCAGGCTGCTTGAATTGATGAGCTGCAGGTTGTCAAACGGCGGCA
 CCCCAAAAGTTCCCGACTGTTTTAGAGGACTCCCAAAAAGCTTTGTATACCCGAGAAGACTGAAATACT
 AGCAGTAAATGTGGATCCAAAGGTGCCATGCTGTTCTGAAGACTGGAAGCTGGTTCGGTACTGTGTC
 TTTGATCTTGCCACAGGGAAGGCTGAACAAGAGAATAATTTCCCAACAAGCAGTGTGCTTTTCTGGTC
 AGGATGAGAGGAGTGTGCTATCTTCACTGCTGGGCAGGAATCTCCTATTGTTCTCGAGATGGAATGG
 TACTATCTACCAATGGCAAGGATTGCATGGGAGGAATACGGGATCCTGACTGGCTTGATCTCCACCA
 ATCAGTAGTCTTGGGATGGGTGTACATTCTTAATAAATCTTCTGCCAACTCAACAATCAAAAAGAAAG
 CAGCTATTATCATCATGGCTGTAGAGAAGCAAACCTTAATGCAGCACATTCTCAGATGTGACTACGAGGC
 CTGCCGACAGTATCTCGTGAATCTGGAGCAAGCCGTGGTTTTAGAGCAGAACCTGCAGATGTTACAGACG
 TTCATCAGCCACAGATGTGATGGGAACCGGAACATTTTACATGCTTGTGTATCAGTTTGCTTTCAAACCA
 GCAATAAGGAAACTAAAGAAGAAGAGGAAGCTGAGCGCTCAGAAAGAAATACATTTGCTGAAAGGCTTTC
 TGCTGTGGAGGCCATTGCAATGCAATATCAGTTGTTCAAGTAAACGGCCAGGTAATCGGGCTGGATCA
 TCAAATAGTCGAAGTTTGAGATTACGAGAAATGATGAGACGTTTATTGAGAGCAGCTGGTTTGGGTAGAC
 ATGAGGCTGGAGTTCATCCAGTGACCACAGGATCCAGTTTACCCCCCATAGCTCCCCGATGGGT
 TCCTGACCCTCCTTCAATGGATCCTGATGGTGATATTGATTTTATCCTGGCCCGGCTGTGGGATCTCTT
 ACCACAGCAGCGACTGGCAGTGGTCAAGGACCCAGCACCTCCACCATTCCAGGTCCTTCCACAGAGCCAT
 CTGTAGTAGAATCCAAGGATCGAAAGGCAACGCACATTTTATATAAAATTAATGCGACAGTGCAGT
 TCTGCAGCCTTATCTACGAGAGCTTCTTCTGCCAAGGATGCAAGAGGAATGACCCCGTTTATGTGAGCT
 GTAAGTGGCCGGGCTTATCTGCTGCAATCACCATCCTAGAAACAGCCAGAAAGATTGCCAAAGCTGAAG
 TATCTGCAAGTAAAAGGAGGAAGATGTGTTTATGGGAATGGTTTGGCCGTCAGTACCAACCTGACGA
 CTCCCTTTGTATGTCTTATGTTGCAACGACACCTGCAGCTTTACCTGGACTGGAGCAGAGCACATTAAC
 CAGGACATTTTTGAATGTGCGACTTGTGGTTTACTGGAGTCGCTTGTGTTGTACAGAATGTGCAAGGG
 TTTGTATAAAGGACGATTGCAAACTCAAGAGGACTTCAACAACAGCTTATTGTGATTGTTGGGAGAA
 ATGTAATGTAATAACATTGATTGCTGGACAGAAGTCTGCTCGTCTTGATCTACTTTATCGCTGCTTACT
 GCTACAAATCTGGTCAACCTACCAACAGTAGGGGAGAGCACCTTTTGTGTTCTTAGTACAGACCGTGG
 CCAGGCAGACAGTGGAGCACTGTGAGTATAGGCCCTCCACGAATCAGGGAGGATCGCAACAGGAAAACAGC
 CAGTCTGAAGATTGAGATATGCCTGACCATGACTTAGAGCCCCAAGGTTTGGCCAGCTGGCCTAGAG
 CGCGTCTTCCAGGACTGGAATGCTTTGAGATCTATGATTATGTTGGGTACAAGAGAACAAGATCCTC
 TGAGTGCCAGCAGCAGGATAGGCCATCTTTTCCAGAAGAGCAGGCTACCTCAACCAGCAGAGCGGCAC
 GATTCGGCTCGACTGTTCACTCATTGCCTTATTGTCAAGTGTACAGCAGATATTTTGTCTTTAGATACT
 CTGCTAGGCACCTTAGTAAAAGAACTCCAAAACAAGTACACACCCGGACGCCGGGAAGAACAATTGCCG
 TGACAATGAGGTTTCTACGATCTGTGGCAAGAGTGTGTTGTCATTCTTAGTGTGGAATGGCTTCGTC
 CCAA
 AAAGAAAAACAATTTATCCACAGCCAATTGGAAAATGCAAACGTGTGTTTCAAGCACTGCTTCTCTAT
 GCTGTAGAAGAATTGTGTAATGTGGCAGAGTCTCTGATTGTTCTGTGAGAAATGGGGATTGCCCGCCGA
 CAGCACCCTTACTCTGGCCAGTACTAGCATAGATGCCATGCAGGGCAGTGAAGAATATTTTTCAGTAGA
 ACCATTACCACCAGCGCTCATCAGATCAGGCAAGCAGCTCCAGTCAGTCTCAGTCATCTTACATCATT
 CGGAACCCACAGCAGAGGCGCATCAGCCAGTACAGCCCGTCCAGGCGGAGACGAGGAGCAGGATGATA
 TTGTGTCAGCAGCAGTGAAGAGGTTGAGTGGTGAAGGCGTGGCTGGAGAGGAGGATCATCATGATGA
 ACAGGAAGAGCACGGGAAGAGAATGCTGAGGCTGAGGGACATCACGATGAGCATGATGAAGACGGAAGT
 GACATGGAGCTAGATTTGTAGCAGCAGCTGAAACGGAAGTGAAGTGAAGTAAACATAGTAACCAAG
 ATAATGCTAGTGGGCGAGAAGTGTGTCACCGCAGCCACTGCTGGCTCAGAAGCAGGAGCGAGCAGTGT
 TCCTGCCTTTTTTCTGAAGATGACTCTCAGTCAAATGACTCAAGTACTCTGACAGCAGTAGCAGTCAG
 AGTGATGACATAGAGCAGGAGACCTTTATGCTCGATGAGCCACTAGAAGGACAACGAATAGTCCCATG

CAAATGGTGTGCCAGGCTCCTCGCTCCATGCAGTGGGCTGTCCGAAATCCGCAGCATCAGCGAGCAGC
 AAGCACAGCTCCGTCCAGCACATCTACGCCAGCAGCAAGTTTGCAGGTTTGATTATATTGATCCTTCA
 AATTTACGCCGGAGCGGCACCATCAGTACAAGTGTGCAGCGGCAGCAGCTGCTTTGGAAGCTAGCAATG
 CCAGCAGCTACTTAACATCTGCAAGCAGTTTAGCCAGGGCTTACAGCATTGTCATCAGACAAATCTCGGA
 CTTGATGGGCCTTATCCCTAAGTATAATCACCTAGTATACTCTCAGATCCAGCAGCTGTGAAATTGACT
 TACCAAGATGCAGTCAACTACAGAACTATGTAGAAGAAAAGCTTATTCTACGTGGAACGGATGGTCA
 GTGTTATGGATTCTACTGAAGCTCAATTACGTTATGGTTCTGCACTAGCATCTGCTGGTGACCCAGGACA
 CCCAAATCATCCCCTTCATGCCTCTCAGAATTCAGCTCGAAGAGAGAGGATGACTGCACGGGAAGGGCC
 AGTCTAAGAACGCTTGAAGGCAGACGACGTGCTACATTGCTGAGCGCCCGCCAGGAATGATGTCTGCTC
 GAGGAGACTTTCTCAATTATGCTCTGTCTTAAATGAGATCTCATAATGATGAGCATTCTGATGTTCTTCC
 AGTATTGGATGTGTGCTCATTGAAACATGTGGCATATGTTTTCCAAGCCCTTATACTGGATTAAGCA
 ATGAATCAGCAGACAACATTAGACACTCCTCAACTGGAACGAAAAGGACACGAGAACTTCTGGAACGG
 GTATTGATAATGAAGATTCAGAACATGAAATGATGATGACACCAGTCAAAGTGTACTTTGAATGATAA
 GGATGACGACTCTTCTCAGAAAACGGCCAAAACCATCCATTTTTCCGACGTTCCAGACTCTATGACA
 TTCCTTGGATGTATACCTCCAAATCCATTTGAAGTGCCTTTGGCTGAAGCCATACCTTTGGCTGATCAGC
 CACATTTGTTGCAGCCAATGCTAGAAAAGGAGATCTTTTTGGTCGCCCAAGTCAGGGTCTTTATTCCTC
 ATCTGCCGGAAGTGGAATGCATAGTAGAGGTTACAATGGACAGAAATGTCTCGAGGTTCTTCCAAC
 AAAATGTCTTATGCTGCCAATCTAAAAATGTAATGAACATGCAAAACCGGCAGAAAGAAAGAGGGGAAG
 AACAGAGCCTGTGGCCGAAGAAGCTGACAGTTCAAAGCCAGGTCATCCGCTCCTGATGTTGCTGCCCA
 GTTGAAAAGCAGTTTACTAGCAGAGATAGGACTCACGGAAAGTGAAGGGCCCCCTTACATCTTTCAGG
 CCTCAGTGCAGTTTCATGGGCATGGTTATCTCCATGACATGCTGCTGGGACGCTGGCGCCTGTCTTTAG
 AACTGTTCCGCAGAGTATTCATGGAAGATGTTGGTGCAGAGCCTGGATCGATTTTAACTGAATTGGGTGG
 TTTTGAGGTAAGAAGTCAAAGTTCCTGAGAGAGATGGAAGAACTGAGAAACAGCAATCAAGGATTTA
 TCACTAGAGGTCGATCGCGATCGGGATCTTCTCATTGAGCAGACTATGAGACAGCTTAAACAACCTTTTG
 GCCGAAGATGTGCTACCGCCAATGGCTGTGCACAGAGTCAAAGTACCTTTAAGGATGAACCAGGAGA
 GGGCAGTGGTGTAGCAAGAAGTTTCTATACAGCCATTGCACAAGCGTTTTTATCAAATGAAAAATTGCCA
 AATCTAGATTGTATCCAAATGCCAACAAAGGTAATACAAGTTTAAATGCAAAGATTGAGGAACAGAG
 GTGAAAGAGACCGGGAGAGAGAGAGAGAGACGGGAAATGAGGAGGAGCAGTGGCTTGCCTGCAGGATCTCG
 AAGAGACAGGGATAGAGACTTCAGGAGACAGCTCTCCATTGACACCAGGCCTTTCAGACCTGCTTCTGAG
 GGGAACTCTAGTATGACCTGACCTCTTCCAGCTCATCGGCAGGCACTGGAGAGAGGCTTTACCCCC
 GAGTGAAGCAATGCAGCCCGCATTTGCAAGTAAAATCACTGGCATGCTGTTGGAGTTATCCCCAGCTCA
 GCTGCTTCTCCTTAGCAAGTGAAGATTCTCTGAGGGCGAGAGTCGACGAGGCCATGGAACCTATTATT
 GCTCATGGACGGGAAAATGGAGCTGACAGTATTTTGGACCTCGGATTATTAGACTCTTCAGAAAAGGTAC
 AGGAAAACAGAAAGCGCCATGGCTCTAGTAGAAGTGTAGTGGATATGGATTTAGAGGACACAGATGATGG
 TGATGACAACGCTCCCTTGTTTTACCAACTGGGAAGAGAGGATTTTATACTCCGAGACCTGGCAAAAAC
 ACAGAAGCAAGGCTGAATTGTTTCAGAAACATCGGCAGGATCTTGGACTATGTCTGTTGCAAAATGAAC
 TATGCTCTATCACATTGAATAGGCATGTAATTAAGTGTGCTTGGTAGAAAAGTCAACTGGCATGACTT
 TGCTTTTTTCGACCCTGTAATGTATGAGAGTTTACGACAACTGATCCTTGCATCTCAGAGTTCAGATGCT
 GATGCTGTTTTCTCAGCAATGGATTTGGCATTGCAATTGACCTGTGTAAGAAGAGGGTGGAGGACAGG
 TTGAACCTTATCCAAATGGTGTAAATATACCAGTCACTCCGAGAAATGTATATGATATGTAAAGAAATA
 TGACAGAGCATAGAAATGTTGGTGGTTCAGAACAGCCATTGCACGCAATGAGAAAGGGTCTACTAGACGTG
 CTTCCAAAAAATCCTTAGAAGACTTAACAGCTGAGGACTTCCGGCTCTTGGTGAACGGCTGTGGTGAAG
 TCAATGTGCAGATGCTGATCAGTTTCACTTCTTCAATGATGAGTCAGGAGAAAAATGCTGAGAAGCTCCT
 CCAGTTCAAACGGTGGTCTGGTCAATAGTAGAAAAATGAGCATGACAGAACGGCAGGACCTGGTTTAC
 TTCTGGACATCTAGCCCATATTGCCAGCCAGTGAAGAAGTTTTTCAGCCTATGCCCTCGATCACAATAA
 GACCACCAGATGACCAACATCTTCTACTGCAAACTTGTATTTCTCGACTTTATGTCCCCTCTATTCT
 CTCTAAACAGATTCTCAAACAAAATTACTACTGCCATTAAGACCAAGAATTTTGGTTTTGTG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

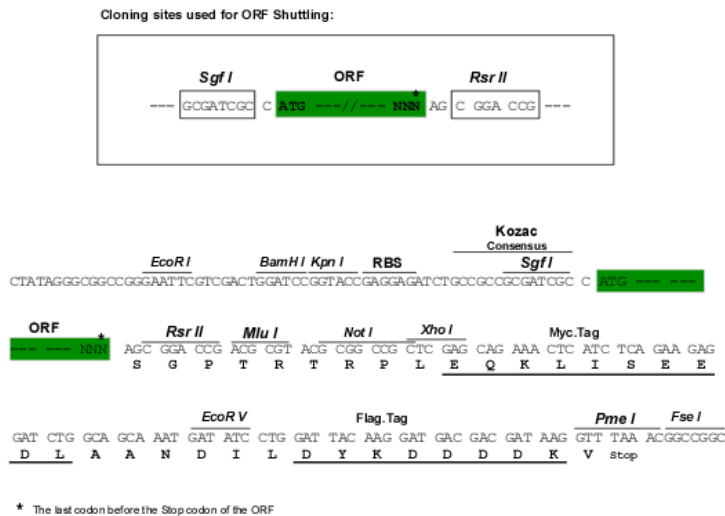
Protein Sequence: >MR220944 representing NM_001081359
 Red=Cloning site Green=Tags(s)

MTSIHFVVHPLPGTEDQLNDRLREVSEKLNKYNLNSHPPLNVLEQATIKQCVVGPNAHAFLLLEDGRICRI
 GFSVQPDRLLELGPNDNDGSKLNSSSGTGRTSRPGRTSDSPWFLSGSETLGRLAGNTLGSRWSSGVGGSG
 GGSSGRSSAGARDSRRQTRVIRTGRDRGSLGSGQPQVPIASVIPEELISQAQVVLQGKSRSVIIRELQ
 RTNLDVNLAVNNLLSRDDEGDGDDDTASESYLPGEDLMSLLDADIHSAHPSVIIDADAMFSEDISYFGY
 PSFRRSSLRLGSSRVLLLPLERDSELLRERESVLRRLRERRWLDGASFDNERGSTSKEGESNPDKKNTPV
 QSPVSLGEDLQWWPKDKGTKFTCIGALYSELLAVSSKGELYQWKWSESEPYRNAQNP SLHHPRATFLGLT
 NEKIVLLSANSIRATVATENNKVATWVDETLSSVASKLEHTAQTYSSELQGERIVSLHCCALYTCAQLENN
 LYWGWVVPFSQRKKMLEKARAKNKPKSSAGISSMPNITVGTQVCLRNPLYHAGAVAFSISAGIPKVG
 LMESVWNMNDSCRFQLRSPELKSMEKASKTLETKPESKQEPVKTEMGPPSPASTCSDASSIASSAMP
 YKRRRSTPAPREEEKVNEEQWPLREVVFVEDVKNVPVGVKLVKVDGAYVAVKFPGTSTNTTCQNSSGPDAD
 PSSLLQDCRLLRIDEQLVVKTTGGTPKVPDCFQRTPKKLCIPEKTEILAVNVDSKGVHAVLKTGSWVRYCV
 FDLATGKAEQENNFPTSSVAFLLQDERSVAIFTAGQESPIVLRDNGTIYPMKDCMGGIRDPDWLDP
 ISSLGMGVHSLINLPANSTIKKAAIIIMAVEKQTLMQHILRCDYEACRQYLVNLEQAVVLEQNLQMLQT
 FISHRCDGNRNILHACVSVCFPTSNKETKEEEEEERSENTFAERLSAVEAIANAISVVSNGPGRNAGS
 SNRSRLRLREMMRSLRAAGLGRHEAGASSSDHQDPVSPPIAPPSWVPDPPSMDPDGIDFILA PAVGSL
 TTAATGSGQGPPSTSTIPGPSTEPSVVESKDRKANAHFILKLLCDSAVLQPYLRELLSAKDARGMTPFMSA
 VSGRAYPAAITILETAQKIAKAEVSAEKEEDVFMGMVCPSTNPDDSPLYVLCNDTCSFTWTGAEHIN
 QDIFECRTCGLLESLCCCTECARVCHKGHDCKLKRTPAYCDCWEKCKCKTLIAGQKSARLDLLYRLLT
 ATNLVTLPNRSGEHLFLVQTVARQTVHEHCYRPPRIREDRNRKTASPEDSDMPDHDLEPPRFAQLALE
 RVLQDWNALRSMIMFGSQENKDP LSASSRIGHLLPEEQVYLNQQSGTIRLDCFTHCLIVKCTADILLLDT
 LLGTLVKELQNKYTPGRREEAIAVTMRFLRSVARVFVILSVEMASSKKKNFIPQPIGKCKRVFQALLPY
 AVEELCNVAESLIVPVRMGIARPTAPFTLASTSIDAMQGSEELFVEPLPPRPSDQASSSSQSQSSYII
 RNPQQRRISQSQPVRGRDEEQDDIVSADVEEVEVEGVAGEEDHHDEQEEHGEENAEAEHHDEHDEGDS
 DMELDLLAAAETESDSESNHNSQDNASGRSSVTAATAGSEAGASSVPAFFSEDDSSQNSDSDSDSSSSQ
 SDDIEQETFMLDEPLERTTNSHANGAAQAPRSMQWAVRNPQHQRRAASTAPSSTSTPAASSAGLIYIDPS
 NLRRTSGTISTSAAAAAALEASNASSYLTSASSLARAYSIVIRQISDLMGLIPKYNHLVYSQIPAAVKLT
 YQDAVNLQNYVEEKL IPTWNMVMVMDSTEALRYGSALASAGDPGHPNHPLHASQNSARRERMTAREEA
 SLRTLLEGRRRATLLSARQGMMSARGDFLNYSMLMRSHNDEHSDVLPVLDVCSLKHVAYVFQALIYWIKA
 MNQQTTLDTPLERKRTRELELGLDNEDESEHENDDDTSQSATLNDKDDDSLPAETGQNHPPFRSSDMSMT
 FLGCIPPNPFVPLAEAIPLADQPHELLQPNARKEDLFGRRPSQGLYSSSAGSGKCI VEVTMDRNCLEVLPT
 KMSYAANLKNVMNQNRQKKEGEEQSLLAEADSSKPGPSAPDVAALQKSSLLAEIGL TESEGPPLTSFR
 PQCSFMGMVISHDMLLGRWRLSLELFGRVFMEDVGAEPGSIL TELGGFEVKE SKFRREMEKLRNQQRDL
 SLEVDRDRDLLIQQTMRQLNNHFGRRCATTPMAVHRVKVTFKDEPGEGSGVARSFYTAIAQAFLSNEKLP
 NLDCIQNANKGHTSLMQRLRNRGERDREREREMRRSSGLRAGSRRDRDRDFRRQLSIDTRPFRPASE
 GNPSSDDPDPLPAHRQALGERLYPRVQAMQPAFAASKITGMLLELSPAQLLLLLASEDSL RARVDEAMELII
 AHGRENGADSI L D L G L L D S S E K V Q E N R K R H G S S R S V V D M L E D T D D G D D N A P L F Y Q P G K R G F Y T P R P G K N
 TEARLNCFRNIGRILGLCLLQNELCPIITLNRHVIKVLLGRKVNWHDFAFDFPVMYESLRQLILASQSSDA
 DAVFSAMDLAFAIDLCKEEGGGQVELIPNGVNIPTVQNVYEVYRKYAEHRMLVVAEQPLHAMRKGLLDV
 LPKNSLEDLTAEDFRLLVNGCGEVNVQMLISFTSFNDESGENAEKLLQFKRWFWSIVEKMSMTERQDLVY
 FWTSSPSLPASEEGFQPMPSITIRPPDDQHLPTANTCISRLYVPLYSSKQILKQKLLLAIKTKNFGFV

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9034_b10.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:


ACCN: NM_001081359

ORF Size: 8394 bp

OTI Disclaimer: 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_001081359.3](#), [NP_001074828.2](#)

RefSeq Size: 9790 bp

RefSeq ORF: 8397 bp

Locus ID: 70790

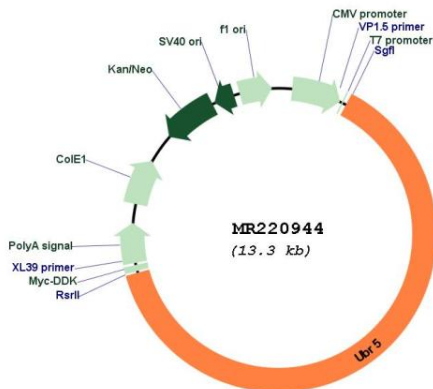
UniProt ID: [Q80TP3](#)

Cytogenetics: 15 B3.1

MW: 309.4 kDa

Gene Summary: E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Ubiquitinates acetylated PCK1. Also acts as a regulator of DNA damage response by acting as a suppressor of RNF168, an E3 ubiquitin-protein ligase that promotes accumulation of 'Lys-63'-linked histone H2A and H2AX at DNA damage sites, thereby acting as a guard against excessive spreading of ubiquitinated chromatin at damaged chromosomes (By similarity). Recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation. Involved in maturation and/or transcriptional regulation of mRNA by activating CDK9 by polyubiquitination. May play a role in control of cell cycle progression. May have tumor suppressor function. Plays an essential role in extraembryonic development. Regulates DNA topoisomerase II binding protein (TopBP1) for the DNA damage response.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220944