

Product datasheet for TP509694

Ecd (NM_027475) Mouse Recombinant Protein

Product data:

| | |
|--|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse ecdysoneless cell cycle regulator (Ecd), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR209694 protein sequence Red =Cloning site Green =Tags(s) |

MEGSGKLAMVEDAVEYHLFLIPDKARGTEEHREILQKYIERIMTQFAPILVPYIWQNQPFNLKYKPAKGG
VPAHMYGMTKFGDNIEDEWFIVYVIKQITKEFPELVARVEDNDGEFLLEAADFLPKWLDPDNSANRVFF
HHGELCIIPVRKSERIPWLPMTPTTIQQALSIIAHPEAVLASESIQAAVDRRVSGYPERVEASLHRAH
CFLPAGIVAVLKQQPRLLSAAVQAFYLRDPIDLRACRVFKTFLPETRIMASVTFTKCLYAQLVQQKFVPD
RRSGYGLPPPSHPQYRAYELGMKLAHGFEILCSKCSPHFSDSRKSLVTASPLWASFLESLKRNDYFKGLM
DGSAQYQERLEMAKNYFQLSIHRPESSLAMSPGEEILTVLQTQPFDAELKTEEADLPPEDDDQWLDLSP
DQLDQLLQDAAGRKESQPGPQKEELQNYDVAQVSDSMKAFISKVSSHKAELPRDPSEAPITFDADSFLN
YFDKILGAKPQESDSEDDPGCEEDVEGVDSDDVGFEAQESLKGALGSLKSYMARMQDQELAHTSMGRSF
TTRERLNKDPPSHTANDNSDEEDSGAGDCAVEAVDVLNLSNILESYSSQAGLAGPASNLLHSMGVRLP
DNADHNPQVSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|-----------------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 71.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |



[View online »](#)

RefSeq: [NP_081751](#)

Locus ID: 70601

UniProt ID: [Q9CS74](#)

RefSeq Size: 3125

Cytogenetics: 14 A3

RefSeq ORF: 1926

Synonyms: 5730461K03Rik; Hsgt1

Summary: Regulator of p53/TP53 stability and function. Inhibits MDM2-mediated degradation of p53/TP53 possibly by cooperating in part with TXNIP. May be involved transcriptional regulation. In vitro has intrinsic transactivation activity enhanced by EP300. May be a transcriptional activator required for the expression of glycolytic genes (By similarity). Involved in regulation of cell cycle progression (PubMed:26711270). Proposed to disrupt Rb-E2F binding leading to transcriptional activation of E2F proteins (PubMed:19640839). The cell cycle - regulating function may depend on its RUVBL1-mediated association with the R2TP complex. May play a role in regulation of pre-mRNA splicing (By similarity).[UniProtKB/Swiss-Prot Function]