

Product datasheet for TP511854

Top2 (BC058239) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tripeptidyl peptidase II (cDNA clone MGC:65300 IMAGE:6308147), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211854 representing BC058239 Red =Cloning site Green =Tags(s)

MATAATEEPFPFHGLLPKKETGASSFLCRYPEYDGRGVLIAVLDTGVDPGAPGMQVTTDGPKKIIDIIT
TGSGDVNTATEVEPKDGEIIGLSGRVLIKIPANWTNPLGKYHIGIKNGYDFYPKALKERIKERKEKIWDP
IHRVALAEACRKQEEFDIANNSSQANKLIKEELQSQVELLNSFEKKYSDPGPVYDCLVWHHDGETWRACV
DSNENGDLSKCAVLRNYKEAQEYSSFGTAEMLNYSVNIYDDGNLLSIVTSGGAHGTHVASIAAGHFPEEP
ERNGVAPGAQILSIKIGDTRLSTMETGTGLIRAMIEVINHKCDLVNYSYGEATHWPNSGRICEVINEAVW
KHNTIYVSSAGNNGPCLSTVGCPCGGTTSSVIGVGAYVSPDMMVAEYSLREKLPANQYTWSSRGPADGAL
GVSISAPGGAIASVPNWTLRGTQLMNGTSMSSPNACGGIALVLSGLKANNVDYTVHSVRRALENTAIAKAD
NIEVFAQGHGIIQVDKAYDYLIQNTSFANRLGFTVTVGNNRGIYLRDPVQVAAPSDHGVGIEPVFPENTE
NSEKISFQLHLALTSNSSWVQCPSHLELMNQCRHINIRVDPRGLREGLHYTEVCGYDIASPAGPLFRVP
ITAVIAAKVNESSHYDLAFTDVHFKPGQIRRHFVEVPEGATWAEVTVCSSESSEVSAKFLHAVQLVKQRA
YRSHEFYKFCSLPEKGTLIEAFPVLGGKAIEFCIARWWASLSDVNIDYTISFHGIVCTAPQLNIHASEGI
NRFDVQSSLYEDLAPCITLKS WVQTLRPVNAKTRPLGSRDVL PNNRQLYEMVLTYSFHQPKSGEVT PSC
PLLCELLYESEFDSQLWIIFDQNKRMGSGDAYPHQYSLKLEKGDYTIRLQIRHEQISDLDRKDLPPFV
SHRLSNTLSLDIHENHSLALLGKKKSSSLTLPPKYNQPFVTSPLPDDKIPKGAGPGCYLAGSLTSLKTEL
GKKADVIVVHYLIPPTKIKNGSKDKEKDSEKEKDLKEEFTEALRDLKIQWMTKLDSTDIYNELKETYP
AYLPLYVARLHQLDAEKERMKRLNEIVDAANAVISHIDQTALAVYIAMKTDPRPDAATIKNDMDKQKSTL
IDALCRKGCALADHLLHTQPHDGAAGDAEAEKEEGESTMESLSETYWETTKWTDLFDTKVLIFAYKHAL
VNKMYGRGLKFATKLVEEKPTKENWKNCIQLMKLLGWTHCASFTENWLPIMYPPDYCVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	145.2 kDa



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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.
Locus ID:	22019
UniProt ID:	Q64514
RefSeq Size:	3960
Cytogenetics:	1 23.5 cM
RefSeq ORF:	3747
Synonyms:	TPP-2; TppII
Summary:	Component of the proteolytic cascade acting downstream of the 26S proteasome in the ubiquitin-proteasome pathway. May be able to complement the 26S proteasome function to some extent under conditions in which the latter is inhibited (By similarity). Stimulates adipogenesis.[UniProtKB/Swiss-Prot Function]