

Product datasheet for **TP516712**

Mtus2 (NM_029920) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse microtubule associated tumor suppressor candidate 2 (Mtus2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >MR216712 representing NM_029920
Red=Cloning site **Green**=Tags(s)

MSVPLAPKKSCFGQLRDHREGAKNNNESILRTGDTNANQIMLEVSSSCDEAKSRDLDDDELGNSNLSRPQ
Y
HSHFQKEPLHLQGFQKGSQAGSTSQRESQASLTVHRQLSEEHAVKRGALQAPQCQVQGPSLSSWRNAV
QA
SPEASAKKDAEIPRHIPKDKLAKTLDNEELKRASSCSAAAGSVPPDTLQPVQLDTLGPQDHVPARGEGPQ
RTPASHSPGKGFSPGEGTSEGNVYLKPKSTSEAKGSSPSDTKMEGPHGLDVYNERITHAELTPSSASAS
KENPGLRHPEVCLGQGTGKSKVELKSVQPRNEEGLTSAQAQGPGCHEERSMSPVERQELLEKAYREATSQ
GNSSHRQLGVRGSSLEEMTGVSAGVEGSQATPTLSAAPAGEAGTRLTGKMSAGVGRMARETASGQTA
P
DVGQAAPVRRDPTESVPSEVSGEERRLGSGNSGSTKLLASGPSAGGSRTDTSGLLSPRGSNLEARKGKEM
VAENRNLENAAQTDNTPAGVDSAFSTPAPLLHPETTVNSSHHPTPPGSSSQELGVFSGDTGSPSVASPP
TDGGQVLNTSPKVPDRTTCSSGIPKPPTHKDPSTSSQEAREKLETEKMEERAEAKPILMPKPKHVRPKII
TYIRRN PQALSQGDASLVPVGLPYAPPTCGMPLPQEEKAASRDLQPSANMYEKLKPDQLKPRVFP SGLM
V
SGIKPPAHHFSQMSEKFLQEADHPGKEEFCSPPYTHYEVPPTFYRSAMLLKPQLGLGAMSRLPSTKSRI
LIASQRSSASAIHPPGSLTTAASFYGSDDLKASNSNAKASLPKSGLRPPGYSRLPAAKLAAFGFVR
SSSISAVPSSQSLDSVQPEQSRPVTRSTFGNEEQAPLKQALPSKDTPKGAGRAAPASSSNATTPRRSLLP
APKSTSTPAGAKKELQKDPEAKKPAVSSPKRTASAATKPHSPGYPKQRTSAPRNEFPKPDQLQAREAERQ
LAQRLRDRCEWQARQLGLARRELKKAIQGFDALAVSTKHFFGKSERALAKEKELSIELANIRDEVAFNTA
KCEKLQKEKETLERRFEEELRRLGWQQQAQEVQELQERLQQQFQAESARLQAEHQDQLLRMRCQHQE
EQV
ED
ITASHEAALLEMENNHTVAITILQDDHDHKVQELMSTHEFEKKELEENFEKLRLTLQDQVDTLTFQSQSL
RDRARRFEEALRKTTEEQLAIPYQHLEEDMQSLKQVLEMKNQIHLQEKKIELEKLVEKNIILEER
IQVLQQQNEDLKARIDQNTVVTRQLSEENANLQEYVEKETQEKRLSRTNEELLWKLQTDGPTSPIKLSP
TSPVYRGSSSGPSSPARVSTTPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 147.4 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.

RefSeq:	<u>NP_084196</u>
Locus ID:	77521
UniProt ID:	<u>Q3UHD3</u>
RefSeq Size:	7543
Cytogenetics:	5 G3
RefSeq ORF:	4059
Synonyms:	5730592G18Rik; A730013O20Rik; AU067634; C130038G02Rik; Cazip; Gm763; mKIAA0774
Summary:	Binds microtubules. Together with MAPRE1 may target the microtubule depolymerase KIF2C to the plus-end of microtubules. May regulate the dynamics of microtubules at their growing distal tip (By similarity).[UniProtKB/Swiss-Prot Function]