

## Product datasheet for TP520503

### Tgm5 (NM\_028799) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transglutaminase 5 (Tgm5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR220503 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAQGCPITGLEVALTDLQSSQNNVRHHTEEISVDRLVRRGQAFSITLYFKNRGFQPGMDSIMFVAETGP  
LPDLAKGTRAVFSFTGSGGSPWIASLEANRANSLEVSLCAPPAAVGRYLLKIRIDSYQGFVTAYQLGE  
FILLFNPWCPADAVYLESEPQRQEYVNDYGFYQGSKSWIRPCPWNYGQFEENIIDICLELLEKSLNFQ  
VDPSTDCALRGSPVYTSRVVCAMINSNDNGVLNNGNSENVDGINPAEWTGSVAILKQWHATGCQPVRY  
GQCWVFAAVMCTVMRCLGIPTRVITNFDSGHDTDGNLIIDEYYDNTGRILENMKKDTVWNFHVWNECWMA  
RKDLPPGYGGWQVLDATPQETSNGLYCCGPASVKAIKEGEIDLNYDTRFAFSMVNADCMSWLVIYGGKEQK  
LHQDTATVGNFISTKSIQSDERDDITESYKYEESLQEREVFLKALQKLQATRSQGPQANSNPFSSVPP  
RHNSARSPDSPSLQPSDVLQVSLKFELLNSPKMGQDINFVLLAVNMSPQFKDLKLNLSAQSLLDHGSPLV  
PFWQDTAFITLFPPEEKSYPCILYSQYSQYLSTDKLIRISALGEEKNSPEKILVNKIITLTFPGIMINV  
LGAAFVNQPLTVQVFSNPLSEPVEDCVLTLEGSGLFRKQQRVLIGVLKPHHKASITLKTVPFKSGQRQI  
QANLRNRFKDIKGYKNVYVDIGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	81 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_083075</a></u>
<b>Locus ID:</b>	74176
<b>UniProt ID:</b>	<u><a href="#">Q9D7I9</a></u>
<b>RefSeq Size:</b>	2531
<b>Cytogenetics:</b>	2 E5
<b>RefSeq ORF:</b>	2175
<b>Synonyms:</b>	2310007C07Rik; TGMX; TGx
<b>Summary:</b>	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Contributes to the formation of the cornified cell envelope of keratinocytes (By similarity). [UniProtKB/Swiss-Prot Function]