

## Product datasheet for TP512126

### Tg (NM\_009375) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thyroglobulin (Tg), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212126 representing NM_009375 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTALVLWVSTLLSSVCLVAANIFEYQVDAQPLRPCELQREKAFKQAEYVPPQCSSEDSGFQTVQCQNDGQS  
CWCVSDSDGREVPGSRQLGRPTVCLSFQQLHKQRILLGYSINSTDALYLPQCQDSGNYAPVQCDLQRVQCW  
CVDTEGMEVYGTRQQGRPTRCPRSCAIRNRLLHGVGDRSPPQCTADGEFMPVQCKFVNTTMMIFDLIH  
NYNRFPDAFVTFSSFRGRFPEVSGYCYCADSQGRELAETGLELLLDEIYDTIFAGLDQASTFTQSTMYRI  
LQRRFLAIQLVISGRFRCPTKCEVEQFAATRFHSHYIPRCHRDGHYQTVQCQTEGMCWCVDAQGREVPGT  
RQQGQPPSCAADQSCALERQQALSRYFETPDYFSPQDLLSSEDLAPVSGVRSSTSCPPRIKELFVDSG  
LLRSIAVEHYQRLSESRLLREAIRAVFPSRELAGLALQFTTNPKRLQQNLFGGTFLANAAQFNLSGALG  
TRSTFNFSQFFQQFGLPGFLNRDRVTTLAKLLPVRLDSSSTPETLRVSEKTVAMNKRVVGNFVGFKNLQE  
NQDALKFLVSLLELPEFLVFLQRAVSPEDIARDLGDVMMVFSQAACKQMPGKFFVPSCTAGGSYEDIQ  
CYAGECWCVDSRGKELDGSRVRGGRPCPTKCEKQRAQMQLASAPAGSSFFVPTCTREGYFLPVQCFN  
SECYCVDETEGQVIPGTQSTVGEAKQCPSVCQLQAEQAFVGVVLLSNSSMVPSISNVYIPQCSASGQWR  
HVQCDGPHEQVFEWYERWKTQNGDGQELTPAALLMKIVSYREVASRNFLFLQSLYDAGQQRIFPVLAQY  
PSLQDVPQVWLEGATTPGENIFLDPYIFWQILNGQLSQYGPYSDFNMPLEHFNLRSWCVDEAGQKLD  
GTQTKPGEIPACPGPCEEVKLRLVKFIKETEEIVSASNASSFPLGESFLVAKGIQLTSEELDLPQFPSR  
DAFSEKFLRGGEYAIRLAAQSTLTFYQSLRASLGKSDGAASLLWSGPYMPQCNMIGGWEPVQCHAGTGQC  
WCVDGRGEFIPGSLMSRSSQMPQCPTNCELSRASGLISAWKQAGPQRNPGPGDLFIPVCLQTGEVVRKQT  
SGTGTWCVDPASGEGMPVNTNGSAQCPLGCDVLKSRALSRKVGLGYSPVCEALDGFSPVQCCLAQGSCW  
CVLGSGEVPGTRVVGTPACESPQCPLPFSGSDVADGVIFCETASSGVTTVQQCQLLRCQGLRSFSP  
GPLICSLESQHWVTLPPrACRPQLWQTMQTQAHFQLLLPPGKMCSDVYSGLLQAFQVFIDELIAARGF  
CQIQVKTFGLVSVSTVCDNSSIQVGCLTAERLGVNVTWKLQLEDISVGLSPDLYSIERAVTGQDLLGRFA  
DLIQSGRFQLHLDSKTFSAADTTLFLNGDSFVTSPTQLGCMEGFYRVPTTRQDALGCVKCEPESFSQDG  
RCTPCPAGTYQEAGSSACIPCRGRTTITGAFSKTHCVTDCQKNEAGLQCDQNGQYQASQKNRDSGEV  
FCVDSEGRKLQWLQTEAGLSESQCLMIRKFDKAPESKVFIDANSPVIVKSSVPSADSPLVQCLTDCANDE  
ACSFLTVMSEVSCDFYSWTRDNFACVTSQEQDAMGSLKATSFGLRCQVKVRNSGKDSLAVYVKKG  
YESTAAGQKSFEPGFQNVLSGLYSPVFSASGANLTDHTYCLLACDNDSCCDGFIITQVKGGP TICGL



[View online »](#)

LSSPDILLCHINDWRDTSATQANATCAGVTYDQGSRQMTLSLGGQEFLQGLALLEGTQDSFTSFQQVYLW  
 KDSDMGSRPESMGGERGMVPRSDFPDGMATELFSPVDITQVIVNTSHSLPSQQYWLFTHLFSAEQANLWC  
 LSRCAQEPIFCQLADITKSSSLYFTCFLYPEAQVCDNVMESNAKNCSQILPHQPTALFRRKVVLNDRVKN  
 FYTRLPFQKLTGISIRDKVPMSGKLISNGFFECERLCDRDPCTGFGFLNVSQLQGGEVTCCLTNSMGIQ  
 TCNEESGATWRILDCGSEDETEVHTYTPFGWYQKPAVWSDTPSFCPSAALQSLTEEKVTSDSWQTLALSSVI  
 VDPSIKHFDVAHISTAATSNFMSMAQDFCLQQCSRHQDCLVTTLQIQPGWVRCVFPDIQNCIHLRSHTC  
 WLLLHEEATYIRKSGIPLVQSDVTSTPSVRIDSFQQLQGGSQVIKVGTAWKQVYRFLGVPYAAPPLADN  
 RFRAPEVLNWTGSDATKPRASCWQPGRTRTPPPQINEDCLYLNVPENLVSNASVLVFFHNTMEMEGS  
 GGQLTIDGSILAAVGNFIVVTANYRLGVFGFLSSGSDEVAGNWGLLDQVAALTWVQSHIGAFGGDPQRVT  
 LAADRSADVASIHLLISRPTLQLFRKALLMGGSALSPAAIISPERAQQAALAKEVGCPTSSIQEV  
 SCLRQKPANILNDAQTLLAVSGPFHYWGPVVDGQYLRELPSSRRLKRPLPVKVDLLIGGSQDDGLINRAK  
 AVKQFEESQGRNSKTAFYQALQNSLGGEDSDARILAAVWYYSLEHSTDDYASFSRALENATRDFIIC  
 PMVNMASLWARRTRGNVFMVHVPESYGHGSLELLADVQYAFGLPFYSAYQGQFSTEEQSLSLKVMQYFSN  
 FIRSGNPNYPHEFSRKADEFATPWPDPFIPGAGGESYKELSAQLPNRQGLKQADCSFWSKYIQTLDKADGA  
 KDAQLTKSEEDLEVGPGLEEDLSGSLEPVPKSYSK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	304.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<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>	<a href="#">NP_033401</a>
<b>Locus ID:</b>	21819
<b>UniProt ID:</b>	<a href="#">O08710</a>
<b>RefSeq Size:</b>	8462
<b>Cytogenetics:</b>	15 29.3 cM
<b>RefSeq ORF:</b>	8298
<b>Synonyms:</b>	cog; Tgn
<b>Summary:</b>	Precursor of the iodinated thyroid hormones thyroxine (T4) and triiodothyronine (T3). [UniProtKB/Swiss-Prot Function]