

Product datasheet for TP523752

T (NM_009309) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse brachyury, T-box transcription factor T (T), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223752 representing NM_009309 Red =Cloning site Green =Tags(s)
	MSSPGTESAGKSLQYRVDHLLSAVESELQAGSEKGDPTERELRVGLEESELWLRFKELTNEMIVTKNGRR MFPVLKVNVSGLDPNAMYSFLDFVTADNHRWKYVNGEWVPGGKPEPQAPSCVYIHPDSPNFGAHWMKAP VSFSKVKLTNKLNGGGQIMLNSLHKYEPRIHIVRVGGPQRMITSHCFPETQFIAVTAYQNEEITALKIKY NPFKAFLDAKERNDHKDVMEEPGDCQQPGYSQWGWLVPGAGTLCPPASSHPQFGGSLSLPSTHGCERYP ALRNHRSSPYSPYAHRNSSPTYADNSSACL SMLQSHDNWSSLGVPGHTSMLPVSHNASPPTGSSQYPSL WSVSNGTITPGSQTAGVSNGLGAQFFRGSPAHYTPLTHTVSAATSSSSGSPMYEGAATVTDISDSQYDTA QSLLIASWTPVSPPSM
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	47.9 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:	NP_033335
Locus ID:	20997



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UniProt ID:	<u>P20293, Q78ZW9</u>
RefSeq Size:	2046
Cytogenetics:	17 4.92 cM
RefSeq ORF:	1308
Synonyms:	Bra; cou; D17Mit170; Low; Lr; me75; T1; T12; T13
Summary:	Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation (PubMed:7588606). Binds to a palindromic site (called T site) and activates gene transcription when bound to such a site (PubMed:8344258, PubMed:7588606).[UniProtKB/Swiss-Prot Function]