

Product datasheet for TP506034

Tbfg1 (NM_025289) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transforming growth factor beta regulated gene 1 (Tbfg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206034 protein sequence Red =Cloning site Green =Tags(s)
	<p>MKRLPRKSQNEKYRLKYLRLRRAAKATVFENASICDEIARLEEKFLKAKEERRYLLKKLLQIHALTEGEP QAAAPSHSSSLPLPYGVTSSVGTMQGAGPSTGAEEPFAKKSKEKKEKGKENS KLEVLKKT SKKKKMEGG ARKLVRPIALDPGQPVFPIGLGGLTVYSLGEIITNRPGFHDENAIYPVGYCSTRVYASMKCPDQKCLYT CQIKDGGVQPQFEIVPEDDPQNTIVGSSADACYEELLRAISATTGKLMPNPLSCGADFFGFSSHPTIHNL QSCPEAQNCVNYQWVKFDACKPRKGQLSQELPENDATMSLEAFQTQTFDDDHDDSDILPGSLDLPELQHEA FVSSYQPEFLTHEPLVDLTLQHLKSPSQCSPIQSSD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	42.8 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_079565</u>
Locus ID:	21376
UniProt ID:	<u>Q3UB74</u>
RefSeq Size:	1583
Cytogenetics:	9 A4
RefSeq ORF:	1158
Synonyms:	AA408552; AA409675; mFLJ00213; Niam; Tb-5
Summary:	Acts as a growth inhibitor. Can activate p53/TP53, causes G1 arrest and collaborates with CDKN2A to restrict proliferation, but does not require either protein to inhibit DNA synthesis. Redistributes CDKN2A into the nucleoplasm. Involved in maintaining chromosomal stability. [UniProtKB/Swiss-Prot Function]