

## Product datasheet for TP524455

### Tfb2m (NM\_008249) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transcription factor B2, mitochondrial (Tfb2m), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224455 representing NM_008249 Red=Cloning site Green=Tags(s)

MRGPAMRLPPRIALSALARGPSCILGSGAATRQDWQTRNRRGFSDFNIEPLPDSLEESSPWTSRNRSEP  
TRHIACKKAARNLVRDLLEHQNSRQIILECNPGPGILTGALLKAGARVVAFESEKTFIPHLEPLQRNMD  
GELQVWHCDFFKMDPRYQEVVRPDVSSQAIFQNLGKAVPWSAGVPIKVFILPYKHERRILWKILFDLY  
SCESIYRYGRVELNMFVSEKEFRKLIATPKRPDLYQVMAVLWQVACDVKFLHMEPWSSFSVHTENGHLEK  
SKHGESVNULLQONLYLVRMTPRRTLFTENLSPLNYDIFFHLVKHCFGKRNAPIIRHLRSLSTVDPINILR  
QIRKNPGDTAARMYPHDFKFLFETIEQSEDSVFKWIYDYCPEDMEF

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	46.3 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:	<a href="#">NP_032275</a>
Locus ID:	15278
UniProt ID:	<a href="#">Q3TL26</a> , <a href="#">B2RSE6</a>



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RefSeq Size: 2448

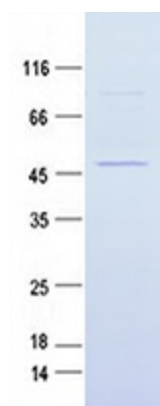
Cytogenetics: 1 83.56 cM

RefSeq ORF: 1188

Synonyms: Hkp1

**Summary:** S-adenosyl-L-methionine-dependent methyltransferase which specifically dimethylates mitochondrial 12S rRNA at the conserved stem loop. Also required for basal transcription of mitochondrial DNA, probably via its interaction with POLRMT and TFAM. Stimulates transcription independently of the methyltransferase activity.[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Tfb2m was analyzed by SDS-PAGE gel and Coomassie Blue Staining.