

## Product datasheet for **TP510378**

### Meltf (NM\_013900) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse melanotransferrin (Meltf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210378 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MRLLSVTFWLLLSLRTVVCVMEVQWCTISDAEQKCKKDMSEAFQGAGIRPSLLCVQGNSADHCVQLIKEQ KADAITLDGGAIYEAGKEHGLKPVVGVEVDQDIGTSSYYAVAVRRNSNVTINTLKGVKSCHTGINRTVGW NVPVGYLVESGHLVSMGCDVLKAVGDYFGGSCVPGTGETSHSESLCRLCRGDSSGHNVCDKSPLEYYDY SGAFRCLAEGAGDVAFVKHSTVLENTDGNLTPSWGKSLMSEDFQLLCRDGSRADITEWRRCHLAKVPAHA VVRGDMDGGLIFQLLNEGQLLFSHEDSSFQMFSSKAYSQKNLLFKDSTLELVPIATQNYEAWLGQEYLQ AMKGLLCDPNRPLPHYLWCVLSAPEIQKCGDMAVAFSRQNLKPEIQCVSAESPEHCMEIQAGHTDAVTL RGEDIYRAGKVYGLVPAAGELYAEEDRSNSYFVAVARRDSSYSFTLDELGRKRSCHPYLGSPAGWEVPI GSLIQRGFIRPKDCDVLTAVSQFFNASCVPVNNPKNYPALCALCVGDEKGRNKCVGSSQERYYGYSGAF RCLVEHAGDVAFVKHTTVFENTNGHNPEPWASHLRWQDYELLCPNGARAEVDQFQACNLAQMPSHAVMVR PDTNIFTVYGLLDKAQDLFGDDHNKNGFQMFDDSSKYHSQDLLFKDATVRAVPVREKTTYLDWLGPDYVVA LEGMLSQQCSGAGAAVQRVPLLALLLLTLAAGLLPRVL</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	81.3 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.



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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>	<a href="#">NP_038928</a>
<b>Locus ID:</b>	30060
<b>UniProt ID:</b>	<a href="#">Q9R0R1</a> , <a href="#">Q544J8</a>
<b>RefSeq Size:</b>	4133
<b>Cytogenetics:</b>	16 B2
<b>RefSeq ORF:</b>	2217
<b>Synonyms:</b>	CD228; Mfi2; MTF
<b>Summary:</b>	Involved in iron cellular uptake. Seems to be internalized and then recycled back to the cell membrane. Binds a single atom of iron per subunit. Could also bind zinc.[UniProtKB/Swiss-Prot Function]