

## Product datasheet for TP502216

### Cmtm4 (NM\_153582) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CKLF-like MARVEL transmembrane domain containing 4 (Cmtm4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202216 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MRGGEELDGFEGEASSTSMISGASSPYQPTTEPVSRRLAGLRCDPDYLRGALGRLKVAQVILALIAFI CIETIMECSPCEGLYFFEFVSCSAFVVTGVLLILFSLNLHMRIPQINWNLTDLVNTGLSTFFFFIASIVL AALNHKTGAEIAAVIFGLATAAYAVSTFLAMQKWRVSVRQQSTNDYIRARTESRDVDSRPEIQLDIT  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	22.9 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:	<a href="#">NP_705810</a>
Locus ID:	97487
UniProt ID:	<a href="#">Q8CJ61</a>
RefSeq Size:	7734
Cytogenetics:	8 D3



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RefSeq ORF: 627

Synonyms: Cklfsf4; D19397; ENSMUSG00000051554; Gm9853

Summary: Acts as a backup for CMTM6 to regulate plasma membrane expression of PD-L1/CD274, an immune inhibitory ligand critical for immune tolerance to self and antitumor immunity. May protect PD-L1/CD274 from being polyubiquitinated and targeted for degradation.  
[UniProtKB/Swiss-Prot Function]