

Recombinant Mouse Cmtm4 Protein, Myc/DDK-tagged

Cat. No. Cmtm4-2211M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length CKLF-like MARVEL transmembrane domain containing 4 (Cmtm4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	22.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cmtm4 CKLF-like MARVEL transmembrane domain containing 4 [Mus musculus (house mouse)]
Official Symbol	Cmtm4
Synonyms	CMTM4; CKLF-like MARVEL transmembrane domain containing 4; CKLF-like MARVEL transmembrane domain-containing protein 4; chemokine-like factor super family 4; chemokine-like factor superfamily member 4; D19397; Gm9853; Cklfsf4; MGC30490; MGC32180; ENSMUSG000000051554
Gene ID	97487
mRNA Refseq	NM_153582
Protein Refseq	NP_705810
UniProt ID	Q8CJ61

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