

Recombinant Human CMTM7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CMTM7-6313H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CMTM7 MS Standard C13 and N15-labeled recombinant protein (NP_852137) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and transmembrane 4 superfamilies. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 3. This gene acts as a tumor suppressor that regulates G1/S transition in the cell cycle, and epidermal growth factor receptor/protein kinase B signaling during tumor pathogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	15.3 kDa
AA Sequence	MSHGAGLVRTTCSSGSALGPGAGAAQPSASPLEGLLDLSYPRTHAALLKVAQMVTLLIAFICVRSSLWTNYSAYSIFYEVVTICDLIMILAFYLVHLFRFYRVLTCSIWPLSIFGFMA TFLCMASIWLSYKISCVTQSTDAAVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CMTM7 CKLF-like MARVEL transmembrane domain containing 7 [Homo sapiens (human)]

Official Symbol CMTM7

Synonyms CMTM7; CKLF-like MARVEL transmembrane domain containing 7; chemokine like factor super family 7, chemokine like factor superfamily 7, CKLFSF7; CKLF-like MARVEL transmembrane domain-containing protein 7; FLJ30992; chemokine-like factor superfamily 7; chemokine-like factor super family 7; chemokine-like factor superfamily member 7; chemokine-like factor super family member 7 variant 2; CKLFSF7;

Gene ID 112616

mRNA Refseq NM_181472

Protein Refseq NP_852137

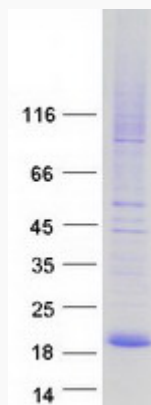
MIM 607890

UniProt ID Q96FZ5

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SDS-PAGE

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