Recombinant Human CMTM1 protein, His & T7-tagged

Cat. No. CMTM1-1781H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CMTM1 aa. (Met1~Ala286 (Accession # Q8IZ96)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Ala286
Description	This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and the transmembrane 4 superfamilies of signaling molecules. The protein encoded by this gene may play an important role in testicular development. Alternatively spliced transcript variants encoding different isoforms have been identified. Naturally occurring read-through transcription occurs between this locus and the neighboring locus CKLF (chemokine-like factor).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

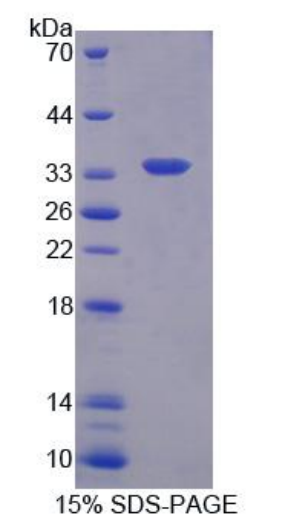
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.8

GENE INFORMATION

Gene Name	CMTM1 CKLF like MARVEL transmembrane domain containing 1 [Homo sapiens (human)]
Official Symbol	CMTM1
Synonyms	CMTM1; CKLF like MARVEL transmembrane domain containing 1; CKLFH; CKLFH1; CKLFSF1; CKLF-like MARVEL transmembrane domain-containing protein 1; chemokine-like factor super family 1; chemokine-like factor superfamily 1; chemokine-like factor superfamily member 1; chemokine-like factor-like protein CKLFH1
Gene ID	113540
mRNA Refseq	NM_052999.3
Protein Refseq	NP_443725.3

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	Q8IZ96
SDS-PAGE	 15% SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA