

Recombinant human CMC4, His-tagged

Cat. No. CMC4-2429H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CMC4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	CMC4 was identified by involvement in some t(X;14) translocations associated with mature T-cell proliferations. This region has a complex gene structure, with a common promoter and 5' exon spliced to two different sets of 3' exons that encode two different proteins. This gene represents the downstream 8 kDa protein that localizes to mitochondria.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	10.4kDa (93aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFMPQKD PCQKQACEIQ KCLQANSYME SKCQAVIQEL RKCCAQYPKG RSVVCSGF EK EEEENLTRKS ASK
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	CMC4?C-x(9)-C motif containing 4 homolog (S. cerevisiae) [?Homo sapiens?(human)]
Official Symbol	CMC4
Synonyms	CMC4; p8; C6.1B; MTCP1; MTCP1B; MTCP1NB; p8MTCP1; C-x(9)-C motif containing 4 homolog (S. cerevisiae); cx9C motif-containing protein 4; MTCP-1 type A; protein p8 MTCP-1; mature T-cell proliferation-1 type A; mature T-cell proliferation 1, isoform p8; mature T-cell proliferation 1 neighbor protein
Gene ID	100272147
mRNA Refseq	NM_001018024
Protein Refseq	NP_001018024
UniProt ID	P56277
Chromosome Location	Xq28