

Recombinant Human CMC4 protein, GST-tagged

Cat. No. CMC4-4575H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CMC4 protein(6-68 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	6-68 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	PCQKQACEIQKCLQANSYMESKCQAVIQELRKCCAQYPKGRSVVCSGFEKEEEENL TRKSASK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

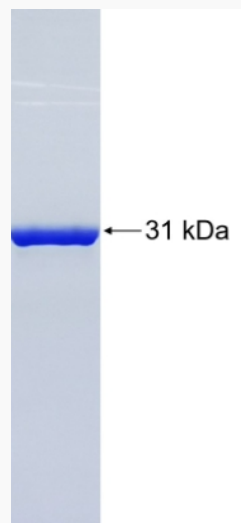
Gene Name	CMC4 C-x(9)-C motif containing 4 homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	CMC4
Synonyms	CMC4; p8; C6.1B; MTCP1; MTCP1B; MTCP1NB; p8MTCP1; C-x(9)-C motif containing 4 homolog (S. cerevisiae); cx9C motif-containing protein 4; MTCP-1 type A; protein p8 MTCP-1; mature T-cell 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

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SDS-PAGE



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