

CMC4, 1-68 aa

Cat.NO.: TP01656

3th Edition

Synonyms:C6,1B, MTCP1, MTCP1B, MTCP1NB, p8, p8MTCP1

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. Recombinant human CMC4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:10.4kDa (93aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSEFMPQKDPCQKQACEIQKCLQANSYMESKQAVIQELRKCCAQYPKGRSV
VCSGFEKEEEENLTRKSASK

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.