

Recombinant human CMC4 protein

Catalog Number: ATGP2429

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-68aa

UniProt No.

P56277

NCBI Accession No.

NP_001018024.1

Alternative Names

cx9C motif-containing protein 4, C6,1B, MTCP1, MTCP1B, MTCP1NB, p8, p8MTCP1

PRODUCT SPECIFICATION

Molecular Weight

10.4 kDa (93aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGSEF>MPQKD PCQKQACEIQ KCLQANSYME SKCQAVIQEL RKCCAQYPKG
RSVVCSGFEK EEEENLTRKS ASK

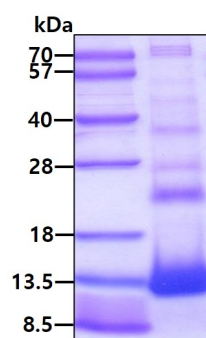
General References

Stern M.-H., et al (1993). Oncogene 8:2475-2483

Madani A., et al (1995). Oncogene 10:2259-2262

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.