
Product Data Sheet

Product Name: CMC4 Human
 Cat. No.: GP23183
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C-X(9)-C Motif Containing 4; C-X(9)-C Motif Containing 4 Homolog; Mature T-Cell Proliferation 1 Neighbor Protein; MTCP1NB; MTCP1; Mature T-Cell Proliferation-1 Type A; Protein P8 MTCP-1; p8MTCP1; MTCP-1 Type A; C6.1B.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSEFMPQKD PCQKQACEIQ KCLQANSYME SKCQAVIQEL RKCCAQYPKG RSVVCSGF EK EEEENLTRKS ASK		
Formulation	CMC4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.		

Introduction

CMC4 is a downstream 8kDa protein restricts to mitochondria which was identified by participation in some t(X;14) translocations related with mature T-cell proliferations. This region has a compound gene structure, with a common promoter and 56n exon spliced to two different groups of 36n exons which encode 2 separate proteins.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Background

CMC4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 93 amino acids (1-68 a.a) and having a molecular mass of 10.4kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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