
Product Data Sheet

Product Name: MTCP1 Human
 Cat. No.: GP23967
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Mature T-Cell Proliferation 1; Mature T-Cell Proliferation-1 Type B1; MTCP-1 Type B1; P13MTCP1; Mature T-Cell Proliferation 1 Isoform P13; p8MTCP1; Protein P13 MTCP-1; C6.1B; p13MTCP1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGEDVG APPDHLWVHQ EGIYRDEYQR TWVAVVEEET SFLRARVQOI QVPLGDAARP SHLLTSQLPL MWQLYPEERY MDNNSRLWQI QHMLMVRGVQ ELLLKLLPDD		
Formulation	MTCP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl ,10% glycerol and 1mM DTT.		

Introduction

Mature T-Cell Proliferation 1, also known as MTCP1 was recognized by involvement in some t(X;14)translocations linked with mature T-cell proliferations. This region has a complex gene structure, with a common promoter and 5' exons spliced to two dissimilar sets of 3' exons which encode two different proteins. It represents the upstream 13 kDa protein which belongs to the TCL1 family. In addition, MTCP1 enhances the phosphorylation and activation of AKT1 and AKT2. MTCP1 is involved in leukemogenesis. Among the diseases associated with MTCP1 are Queensland tick typhus, and African tick-bite fever.

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

MTCP1 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide

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

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chain containing 130 amino acids (1-107a.a) and having a molecular mass of 15.0kDa.

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