9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MTCP1 Human

Mature T-Cell Proliferation 1 Human Recombinant
RCP1411

Product Overview

Name	MTCP1 Human
Description	
Mature T-Cell Proliferation 1 Human Recombinant	
Accession (Primary)	P56278
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.	
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' exon 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
MTCP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl ,10% glycerol and 1mM DTT.	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAGEDVG APPDHLWVHQ EGIYRDEYQR TWVAVVEEET SFLRARVQQI QVPLGDAARP SHLLTSQLPL MWQLYPEERY MDNNSRLWQI QHHLMVRGVQ ELLLKLLPDD	

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Precautions

MTCP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P56278)