

Recombinant Human mature T-cell proliferation 1, His-tagged

Cat. No. MTCP1-319H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MTCP1, 1-107aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-107 a.a.
Description	MTCP1 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. It represents the upstream 13 kDa protein that is a member of the TCL1 family. MTCP1 may be involved in leukemogenesis. Recombinant human MTCP1 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, 10% glycerol, 1mM DTT
Molecular Mass	15.0 kDa (130aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAGEDVG APPDHLWVHQ EGIYRDEYQR TWVAVVEEET SFLRARVQQI QVPLGDAARP SHLLTSQLPL MWQLYPEERY MDNNSRLWQI QHHLMVIRGVQ ELLKLLPDD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	MTCP1 mature T-cell proliferation 1 [Homo sapiens]
Official Symbol	MTCP1
Synonyms	MTCP1; mature T-cell proliferation 1; protein p13 MTCP-1; p8MTCP1; P13MTCP1; MTCP-1 type B1; mature T-cell proliferation-1 type B1; mature T-cell proliferation 1 isoform p13;
Gene ID	4515
mRNA Refseq	NM_001018025
Protein Refseq	NP_001018025
MIM	300116
UniProt ID	P56278
Chromosome Location	Xq28

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