

AR51223PU-S**Human MTCP1 (1-107, His-tag) - Purified****Alternate names:**

P13MTCP1, p8MTCP1

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[P56278](#)**NCBI:**[NP_001018025](#)**GeneID:**[4515](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT**Description:**

Recombinant human MTCP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMAGEDVG APPDHLWVHQ EGIYRDEYQR TWVAVVEEET
SFLRARVQQI QVPLGDAARP SHLLTSQLPL MWQLYPEERY MDNNSRLWQI QHHLMVRGVQ
ELLLKLLPDD

Molecular weight: 15.0 kDa (130aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Laine J., et al. (2000) Mol. Cell. 6:395-407 Laine J., et al. (2002) J. Biol. Chem. 277:3743-3751

Pictures:

