

## AR51223PU-N

## Human MTCP1 (1-107, His-tag) - Purified

**Alternate names:**

P13MTCP1, p8MTCP1

**Quantity:**

0.5 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 SGLVPRGSH MGSMAGEDVG APPDHLWVHQ EGIYRDEYQR TWVAVVEEET  
SFLRARVQQI QVPLGDAARP SHLLTSQLPL MWQLYPEERY MDNNSRLWQI QHHLMVGRVQ  
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:

