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# Product datasheet for AR51223PU-S

## MTCP1 (1-107, His-Tag) Human Protein

### Product data:

| | |
|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Recombinant human MTCP1 protein |
| **Species:** | Human |
| **Expression Host:** | E. coli |
| **Expression cDNA Clone or AA Sequence:** | MAGEDVG APPDHLWVHQ EGIYRDEYQR TWVAVVEEET SFLRARVQQI QVPLGDAARP SHLLTSQLPL MWQLYPEERY MDNNSRLWQI QHHLMVRGVQ ELLLKLLPDD |
| **Tag:** | His-Tag |
| **Predicted MW:** | 15 kDa (130aa) confirmed by MALDI-TOF |
| **Concentration:** | 1mg/ml (determined by Bradford assay) |
| **Purity:** | > 95% by SDS-PAGE |
| **Buffer:** | Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT |
| **Preparation:** | Liquid purified protein |
| **Applications:** | SDS-PAGE |
| **Protein Description:** | Recombinant human MTCP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| **Storage:** | Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80C. Avoid repeated freezing and thawing cycles. |
| **Stability:** | Shelf life: one year from despatch. |
| **RefSeq:** | NP_001018025 |
| **Locus ID:** | 4515 |
| **UniProt ID:** | P56278 |
| **Cytogenetics:** | Xq28 |

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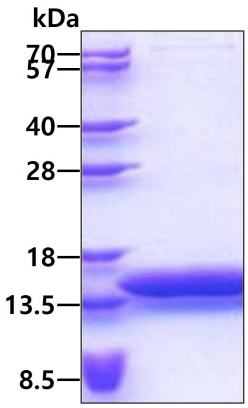
**Synonyms:** Mature T-cell proliferation 1, P13MTCP1, p8MTCP1

**Summary:** This gene 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. This gene represents the upstream 13 kDa protein that is a member of the TCL1 family. This protein may be involved in leukemogenesis. [provided by RefSeq, Mar 2009]

## Product images:




3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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