## **PRODUCT INFORMATION**

**Expression system** E.coli

**Domain** 24-92aa

**UniProt No.** Q8NHW4

NCBI Accession No. NP\_996890.1

## **Alternative Names**

C-C motif chemokine ligand 4 like 1, Lymphocyte activation gene 1 protein, LAG-1, Macrophage inflammatory protein 1-beta, MIP-1-beta, Monocyte adherence-induced protein 5-alpha, Small-inducible cytokine A4-like, SCYA4L, AT744.2

## **PRODUCT SPECIFICATION**

## **Molecular Weight**

10.5 kDa (94aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### Formulation

Liquid in. 10mM Sodium Citrate buffer (pH 3.5) containing 10% glycerol

**Purity** > 90% by SDS-PAGE

**Endotoxin level** < 1 EU per 1ug of protein (determined by LAL method)

### **Tag** His-Tag

Application SDS-PAGE

## Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

# BACKGROUND

# Description

CCL4L1 (C-C motif chemokine 4-like) belongs to intercrine beta (chemokine CC) family. This protein is similar to CCL4 which inhibits HIV replication in peripheral blood monocytes that express CCR5. Recombinant human



NKMAXBiO we support you, we believe in your research Recombinant human CCL4L1/MIP-1 beta protein Catalog Number: ATGP1042

CCL4L1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

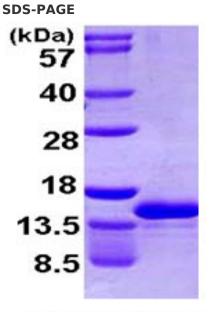
#### **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSHMAPMGS DPPTACCFSY TARKLPRNFV VDYYETSSLC SQPAVVFQTK RGKQVCADPS ESWVQEYVYD LELN

#### **General References**

Howard O.M.Z., et al. (2004) Biochem. Biophys. Res. Commun. 320:927-931 Colobran R, et al. (2005) J Immunol. 174(9):5655-64.

## DATA



15% SDS-PAGE (3ug)

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