# **PRODUCT INFORMATION**

**Expression system** E.coli

**Domain** 22-113aa

**UniProt No.** Q16663

NCBI Accession No. NP\_116741

## **Alternative Names**

C-C motif chemokine ligand 15, Chemokine CC-2, HCC-2, Leukotactin-1, LKN-1, MIP-1 delta, MIP-1d, Macrophage inflammatory protein 5, MIP-5, Mrp-2b, NCC-3, Small-inducible cytokine A15, SCYA15

# **PRODUCT SPECIFICATION**

## **Molecular Weight**

10.3 kDa (93aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) 10% glycerol

**Purity** > 95% by SDS-PAGE

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

Tag Non-Tagged

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

Chemokine (C-C motif) ligand 15, also known as CCL15, is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine. CCL15 induces changes in intracellular calcium concentration in monocytes and is thought to act through the CCR1 receptor. This gene expresses both



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monocistronic and bicistronic transcripts, which encode the same protein. Recombinant human CCL15 protein was expressed in E. coli and purified by using conventional chromatography techniques.

#### **Amino acid Sequence**

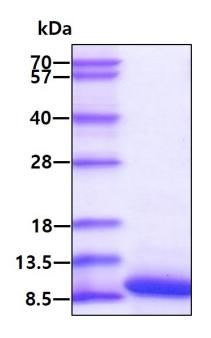
MQFINDAETE LMMSKLPLEN PVVLNSFHFA ADCCTSYISQ SIPCSLMKSY FETSSECSKP GVIFLTKKGR QVCAKPSGPG VQDCMKKLKP YSI

#### **General References**

Youn B S., et al. (1998) Blood. 91:3118-3126. Wells T N., et al. (1997) J Leukoc Biol. 61:545-550.

# DATA

### SDS-PAGE



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

