

Recombinant human CCL15/MIP-1 delta protein

Catalog Number: ATGP1012

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 VQDCMKKLP 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.

