Recombinant human CCL26/Eotaxin-3 protein

Catalog Number: ATGP0378

PRODUCT INFORMATION

Expression system
E.coli

Domain
24-94aa

UniProt No.
Q9Y258

NCBI Accession No.
NP_006063

Alternative Names
C-C motif chemokine ligand 26, CC chemokine IMAC, Eotaxin-3, Macrophage inflammatory protein 4-alpha, MIP-4-alpha, MIP-4a, Small-inducible cytokine A26, SCYA26, Thymic stroma chemokine-1, TSC-1, Chemokine N1

PRODUCT SPECIFICATION

Molecular Weight
8.5 kDa (72aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration
0.25mg/ml (determined by Bradford assay)

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

Purity
> 90% 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
CCL26 is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine (TARC). This protein is involved in immunoregulatory and inflammatory processes. It is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood

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mononuclear cells. It specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the chemokine receptor CCR4. CCL26 was expressed in E. coli and purifed by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Amino acid Sequence

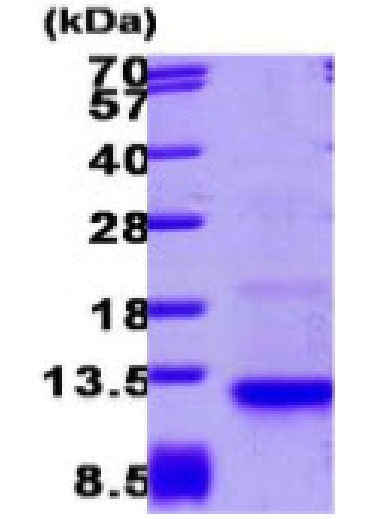
MTRGSDISKT CCFQYSHKPL PWTWVRSYEF TSNSCSQRAV IFTTKRGKKV CTHPRKKWVQ KYISLLKTPK QL

General References

Imai T., et al. (1996) J Biol Chem. 271 (35): 21514-21.
Kakinuma T,. et al. (2002) Cytokine. 20(1):1-6.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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