

# 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

## Recombinant human CCL26/Eotaxin-3 protein

Catalog Number: ATGP0378

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 purified 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

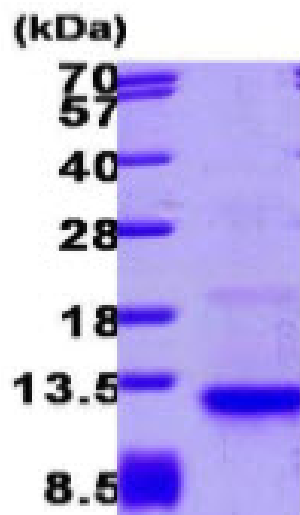
### General References

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



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

15% SDS-PAGE (3ug)