

ARG70367
Human Eotaxin 3 recombinant protein (Active) (Tag free)Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed Active Human Eotaxin 3 recombinant protein
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	FuncSt, SDS-PAGE
Target Name	Eotaxin 3
Species	Human
A.A. Sequence	TRGSD ISKTC CFQYS HKPLP WTWVR SYEFT SNSCS QRAVI FTTKR GKKVC THPRK KVVQK YISLL KTPKQ L
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to chemoattract human CCR3/HEK293 cells. The maximum activity was achieved at 2µg/ml.
Alternate Names	CCL26; C-C motif chemokine ligand 26; IMAC; TSC-1; MIP-4a; SCYA26; MIP-4alpha; CC chemokine IMAC; Eotaxin-3; Macrophage inflammatory protein 4-alpha (MIP-4-alpha); Small-inducible cytokine A26; SCYA26; Thymic stroma chemokine-1

Application Instructions

Observed Size 8.4 kDa

Properties

Form	Powder
Purification	Affinity purified.
Purity	≥ 98% by SDS-PAGE gel and HPLC analyses.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CCL26
Gene Full Name	C-C motif chemokine ligand 26
Background	This gene is one of two Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 7. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for normal peripheral blood eosinophils and basophils. This protein also

has antimicrobial activity, displaying an antibacterial effect on *S. pneumoniae*, *S. aureus*, Non-typeable *H. influenzae*, and *P. aeruginosa*. The product of this gene is one of three related chemokines that specifically activate chemokine receptor CCR3. This chemokine may contribute to the eosinophil accumulation in atopic diseases. [provided by RefSeq, Jul 2020]

Function	Chemoattractant for eosinophils and basophils. Acts as a ligand for C-C chemokine receptor CCR3 which triggers Ca ²⁺ mobilization in eosinophils. Also acts as a ligand for CX3C chemokine receptor CX3CR1, inducing cell chemotaxis [provide by uniprot]
Calculated Mw	10.6 kDa (full-length). 8.4 kDa (mature)
PTM	Disulfide bond
Cellular Localization	Secreted