Recombinant Human Chemokine (C-C motif) Ligand 26

Cat. No. CCL26-72H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Chemokine (C-C motif) Ligand 26 was expressed in*E. Coli*.
Species	Human
Source	E.coli
Description	Eotaxin-3 is a recently discovered CC chemokine. Exotaxin-3 binds to the CCR3 receptor and is highly chemotactic for eosinophils. Thus recombinant human eotaxin-3 is an 8.4kDa protein containing 71 amino acid residues.
Amino Acid Sequence	TRGSDISKTC CFQYSHKPLP WTWVRSYEFT SNSCSQRAVI F T T K R G KKVC THPRKKWVQK YISLLKTPKQL.
Reactivity	Human eotaxin-3 is tested for its ability to chemoattract human CCR3/HEK 293 cells. The maximum activity was achieved at 2ug/ml.
Purity	>98% by SDS-Page analysis. Endotoxin level is less than 0.1ng per ug of eotaxin-3.
Reconstitution	Lyophilized eotaxin-3 should be reconstituted in water to a concentration of 0.1-1mg/ml. Allow to set at least 30 minutes at 4 °C, mix well. If desired, tighten cap and centrifuge for 1 minute at 1000rpm to concentrate material in vial. This solution can be diluted into other buffered solutions or stored at 4°C for up to 1 week or at -20 °C for future use. It is recommended that a carrier protein As 0.1% HSA or BSA) or medium serum be added to diluted material.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	The lyophilized powder is stable at room temperature for a few weeks but it is best stored desiccated at -20 °C. Reconstituted exotaxin-3 should be stored in working aliquots at -20 °C. AVOID FREQUENT FREEZE THAW CYCLES.
Supplied	Lyophilized powder with no additives.

GENE INFORMATION

Gene Name	CCL26 chemokine (C-C motif) ligand 26 [Homo sapiens]
Synonyms	chemokine (C-C motif) ligand 26; IMAC; TSC-1; MIP-4a; SCYA26; MGC126714; MIP-4alpha; CCL26; eotaxin-3; chemokine N1; CC chemokine IMAC; thymic stroma chemokine-1; small inducible cytokine A26; macrophage inflammatory protein 4-alpha; small inducible cytokine subfamily A (Cys-Cys), member 26; eotaxin-3; Macrophage inflammatory protein 4-alpha; Small-inducible cytokine A26; Thymic stroma chemokine-1; Eotaxin-3; MIP-4-alpha
Gene ID	10344
mRNA Refseq	NM_006072
Protein Refseq	NP_006063
MIM	604697
UniProt ID	Q9Y258
Chromosome Location	7q11.23
Pathway	Chemokine signaling pathway; Cytokine-cytokine receptor interaction

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Function	chemokine activity

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA