

Recombinant Human CCL11 Protein

Cat. No. CCL11-08H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL11 Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Eotaxin, also known as Eotaxin-1 and CCL11, is a chemokine that recruits eosinophils to sites of allergic inflammation. Eotaxin signals through the G protein-coupled chemokine receptors CCR2, CCR3, and CCR5. Eotaxin also negatively regulates adult neurogenesis, and high Eotaxin levels are associated with impaired learning and memory.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 8.4 kDa (74 aa)
AA Sequence	GPASVPTTCCFNLANRKIPLQRLESYRRITSGKCPQKAVIFKTKLAKDICADPKKKWV QDSMKYLDQKSPTPKP
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed.

 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

	3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	CCL11 chemokine (C-C motif) ligand 11 [Homo sapiens (human)]
Official Symbol	CCL11
Synonyms	CCL11; chemokine (C-C motif) ligand 11; SCYA11, small inducible cytokine subfamily A (Cys Cys), member 11 (eotaxin); eotaxin; eotaxin 1; MGC22554; eotaxin-1; C-C motif chemokine 11; small-inducible cytokine A11; eosinophil chemotactic protein; small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin); SCYA11;
Gene ID	6356
mRNA Refseq	NM_002986

 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

Protein Refseq	NP_002977
MIM	601156
UniProt ID	P51671

 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