

Eotaxin Active Protein | CCL11 active protein

Recombinant Rhesus Macaque Eotaxin (CCL11); Eotaxin Rhesus Macaque

CATALOG #
AAA39096

PRODUCT SYNONYMS

Eotaxin; Recombinant Rhesus Macaque Eotaxin (CCL11); Eotaxin Rhesus Macaque; Small inducible cytokine A11; CCL11; Eosinophil chemotactic protein; chemokine (C-C motif) ligand 11; SCYA11; MGC22554; CCL11 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 98.0% as determined by: (a) Analysis by RP-HPLC (b) Analysis by SDS-PAGE
Form/Format	The Eotaxin was lyophilized from a 0.2 um filtered concentrated solution in 2xPBS, pH 7.0
Sequence	GPDSVATTCC FTLTNKKIPL QRLESYRRII SGKCPQKAVI FKTKLAKDIC ADPKKKWVQD SMKYLDRKSP TPKP
Sequence Length	97
Source	E.coli
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized Eotaxin Recombinant in sterile distilled H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood eosinophils is in a concentration range of 0.1-10.0 ng/ml corresponding to a specific activity of 1.0×10^5 - 1.0×10^7 IU/mg.
Preparation and Storage	Lyophilized Eotaxin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Eotaxin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CCL11 active protein	Description: Recombinant Eotaxin Rhesus Macaque produced in E Coli cells is a non-glycosylated, homodimeric protein containing 74 amino acid chain and having a molecular mass of 8.4kDa. The Eotaxin is purified by proprietary chromatographic techniques. Introduction: Chemokine (C-C motif) ligand 11 (CCL11) is a small cytokine belonging to the CC chemokine family that is also known as eotaxin. CCL11 selectively recruits eosinophils by inducing their chemotaxis, and therefore, is implicated in allergic responses. The effects of CCL11 are mediated by its binding to a G-protein-linked receptor known as a chemokine receptor. Chemokine receptors for which CCL11 is a ligand include CCR2, CCR3 and CCR5. The gene for human CCL11 (scya11) is encoded on three exons and is located on chromosome 17.
Product Categories/Family for CCL11 active protein	Chemokines; Eotaxin

NCBI AND UNIPROT INFORMATION

NCBI GI #	46395900
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NCBI GeneID	574218
UniProt Accession #	Q8MIT7
NCBI Official Full Name	Eotaxin
NCBI Official Symbol	CCL11
NCBI Official Synonym Symbols	SCYA11; Eotaxin
NCBI Protein Information	eotaxin; C-C motif chemokine 11; chemokine CCL11/EOTAXIN; small-inducible cytokine A11
UniProt Protein Name	Eotaxin
UniProt Gene Name	CCL11
UniProt Synonym Gene Names	SCYA11
UniProt Entry Name	CCL11_MACMU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/active-protein/eotaxin/39096>