

Eotaxin Human, His

Description: Eotaxin His Tag Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 74 amino acids fragment (24-87) corresponding to the mature Eotaxin protein and having a molecular mass of 8345.9 Dalton with an amino-terminal hexahistidine tag. The Eotaxin-His is purified by proprietary chromatographic techniques.

Catalog #: CHPS-351

For research use only.

Synonyms: Small inducible cytokine A11, CCL11, Eosinophil chemotactic protein, chemokine (C-C motif) ligand 11, SCYA11, MGC22554.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGPASVPTTC CFNLANKIP
LQRLESYRRI TSGKCPQKAV IFKTKLAKDI CADPKKKWVQ DSMKYLDQKS PTPKP

Purity: Greater than 90.0% as determined by: Analysis by SDS-PAGE

Formulation:

Eotaxin-His is supplied Liquid In Phosphate Buffered Saline pH7.4 containing 10% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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