



Product Datasheet

Product Name	Recombinant Human Eotaxin (CCL11), His Tag
Cata No	CB500076
Source	<i>Escherichia Coli</i> .
Synonyms	Small inducible cytokine A11, CCL11, Eosinophil chemotactic protein, chemokine (C-C motif) ligand 11, SCYA11, MGC22554.

Description

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.

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.

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

Eotaxin-His is supplied in 1x PBS and 50% 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