

HB220505

Recombinant Human Eotaxin/CCL11 (Human Eotaxin/CCL11)

Product Information

Product Name	Cat#	Size
	90957ES08	5 µg
Recombinant Human Eotaxin/CCL11 (Human Eotaxin/CCL11)	90957ES60	100 µg
	90957ES76	500 µg

Product Description

Human CCL11 is belonging to the CC chemokine family. It is encoded by the gene CCL11. CCL11 was first purified from bronchoalveolar lavage fluid of guinea pigs. It was a strong and specific eosinophil chemoattractant in vitro. It can directly chemotactic for eosinophils, but not for monocytes or neutrophils. Human CCL11 is approximately 63 % identical at the amino acid level to murine CCL11. In addition, CCL11 also shows about 60 % amino acid sequence identity to human MCPs. CCR3 has been identified to be a specific CCL11 receptor.

Product Properties

Synonyms	SCYA11 Protein, Human; Small-inducible cytokine A11
Accession	P51671
GeneID	6356
Source	E.coli-derived human Eotaxin Protein, Gly24-Pro97
Molecular Weight	Approximately 8.4 kDa.
AA Sequence	GPASVPTTCC FNLANRKIPL QRLESYRRIT SGKCPQKAVI FKTKLAKDIC ADPKKKWVQD SMKYLDQKSP TPKP
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
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.
Endotoxin	< 1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
Reconstitution	Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

Cautions

1. Avoid repeated freeze-thaw cycles.
2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only.