

Recombinant Rhesus Macaque Eotaxin/CCL11 (Rhesus Macaque Eotaxin/CCL11)

Product Information

Product Name	Cat#	Size
	90975ES08	5 µg
Recombinant Rhesus Macaque Eotaxin/CCL11 (Rhesus Macaque Eotaxin/CCL11)	90975ES60	100 µg
	90975ES76	500 µg

Product Description

Eotaxin is a CC chemokine that signals through the CCR3 receptor. It is produced by IFN- γ -stimulated endothelial cells and TNF-activated monocytes. Eotaxin selectively chemoattracts eosinophils and, along with Eotaxin-2 and Eotaxin-3, plays a key role in the regulation of eosinophil recruitment in the asthmatic lung and in allergic reactions.

Product Properties

Synonyms	Small-inducible Cytokine A11
Accession	P97545
GeneID	29397
Source	E.coli-derived Rhesus Macaque Eotaxin protein,His24-Pro97.
Molecular Weight	Approximately 8.4kDa.
AA Sequence	HPGSIPTSCCFMTSKKIPNTLLKSYKRITNNRCTLKAIVFKTKLGKEICADPKKKWVQDATKHLDD QKLQ TPKP
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 96% by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using purified eosinophils is in a concentration range of 0.1-1.0 µg/mL.
Endotoxin	<1 EU/µg of protein as determined by 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 $\leq -20^{\circ}\text{C}$. 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.

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2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only.