

## Eotaxin/CCL11 Protein, Human (His)

Cat. No.:	HY-P700963
Synonyms:	Eotaxin; C-C motif chemokine 11; Small-inducible cytokine A11; SCYA11; eotaxin-1
Species:	Human
Source:	E. coli
Accession:	P51671 (G24-P97)
Gene ID:	6356
Molecular Weight:	13-15 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22µm filtered solution of 20 mM PB, 500mM NaCl, 200mM L-Arginine, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	In response to the presence of allergens, the Eotaxin/CCL11 protein actively facilitates the accumulation of eosinophils, a distinctive hallmark of allergic inflammatory reactions. This effect is well-documented in scientific literature, underscoring the protein's pivotal role in orchestrating immune responses during allergic processes. Notably, Eotaxin/CCL11 achieves this regulatory function by binding to the CCR3 receptor, highlighting its specific interaction with cellular receptors to modulate the migration and activation of eosinophils in response to allergenic stimuli.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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