

## Recombinant Rat Eotaxin/CCL11

Catalog No: #AP60380

Package Size: #AP60380-1 5ug #AP60380-2 100ug #AP60380-3 500ug

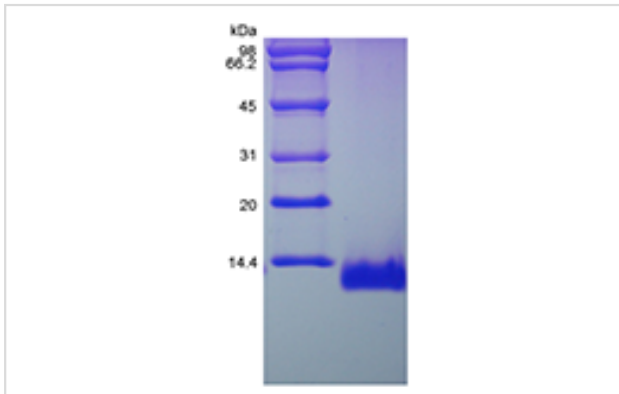
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## Description

Product Name	Recombinant Rat Eotaxin/CCL11
Host Species	Escherichia coli.
Purification	> 96 % by SDS-PAGE and HPLC analyses.
Other Names	Small-inducible Cytokine A11
Uniprot	P97545
GeneID	29397
Calculated MW	Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids.
Target Sequence	HPGSIPTSCC FTMTSKKIPN TLLKSYKRIT NNRCTLKAIV FKTKLGKEIC ADPKKKWVQD ATKHLDQKLQ TPKP
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

## Images



## Background

CCL11 encoded by the gene CCL11 is belonging to the CC chemokine family. It is a potent eosinophil chemoattractant that was originally purified from bronchoalveolar lavage fluid of guinea pigs sensitized by aerosol challenge with ovalbumin. CCL11 is a strong and specific eosinophil chemoattractant *in vitro*. It can directly chemotactic for eosinophils, but not for monocytes or neutrophils. CCR3 has been identified to be a specific CCL11 receptor. CCR3 has also been shown to serve as a cofactor for a restricted subset of primary HIV viruses and binding of CCL11 to CCR3 inhibited infection by the HIV isolates.

Note: This product is for *in vitro* research use only