

Recombinant Rat Eotaxin/CCL11

Catalog No: #AP60380

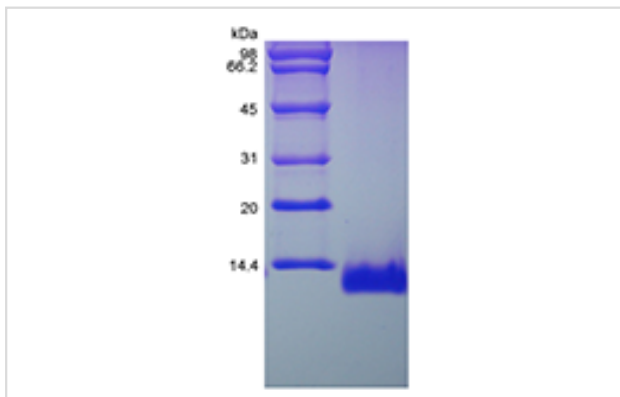
Package Size: #AP60380-1 5ug #AP60380-2 100ug #AP60380-3 500ug

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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 |
| Calculated MW | Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids. |
| Target Sequence | HPGSIPTSCC FTMTSKKIPN TLLKSYKRIT NNRCTLKAIV FTKLGKEIC ADPKKKWVQD ATKHLDQKQLQ 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. <ul style="list-style-type: none"> -□ A minimum of 12 months from date of receipt, when stored at &le;-20 °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 and is not intended for use in humans or animals.