

Recombinant Mouse Ccl11 protein

Cat. No. Ccl11-620M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ccl11 protein was expressed in Escherichia coli.
Species	Mouse
Source	E.coli
ProteinLength	74
Description	Murine CCL11 is belonging to the CC chemokine family. 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. Murine CCL11 is approximately 63 % identical at the amino acid level to human 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.
Form	Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.
Bio-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 100-1000 ng/ml.
Molecular Mass	Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids.

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AA Sequence	HPGSIPTSCCFIMTSKKIPNTLLKSYKRITNNRCTLKAIVFKTRLGKEICADPKKKWVQ DATKHLDQKLQTPKP
Endotoxin	Less than 1 EU/μg of rMuEotaxin/CCL11 as determined by LAL method.
Purity	>96% by SDS-PAGE and HPLC analysis.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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 centigrade. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	Ccl11
Official Symbol	Ccl11
Synonyms	CCL11; chemokine (C-C motif) ligand 11; eotaxin; C-C motif chemokine 11; small inducible cytokine A11; small-inducible cytokine A11; eosinophil chemotactic protein; small chemokine (C-C motif) ligand 11; Scya11;
Gene ID	20292
mRNA Refseq	NM_011330

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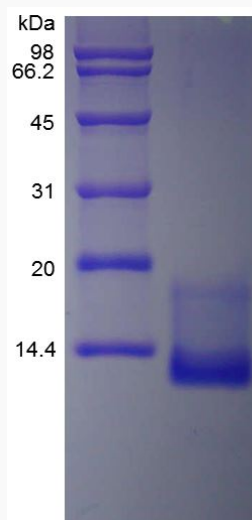
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Protein Refseq NP_035460

UniProt ID P48298

SDS-PAGE of Ccl11-
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