Recombinant Murine Eotaxin/CCL11 (rMuEotaxin/CCL11)

ChemWhat Technical Data Sheet (TDS)

Catalog Number:	224-11
Source:	*Escherichia coli.*
Molecular Weight:	Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids.
Quantity:	5μg /20μg /1000μg
AA Sequence:	HPGSIPTSCC FIMTSKKIPN TLLKSYKRIT NNRCTLKAIV FKTRLGKEIC ADPKKKWVQD ATKHLDQKLQ TPKP
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 100-1000 ng/ml.
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.
Endotoxin:	Less than 1 EU/μg of rMuEotaxin/CCL11 as determined by LAL method.
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 °C. Further dilutions should be made in appropriate buffered solutions.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & 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.
Usage:	ChemWhat Limited in UK offers this branded product for research, development or further evaluation purposes. **NOT FOR HUMAN USE**.

Murine Eotaxin/CCL11

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.

CHEMWHAT LIMITED

https://www.chemwhat.com **Email: contact@chemwhat.com**