

Product Datasheet

Recombinant Murine Eotaxin/CCL11 (rMuEotaxin/CCL11) (orb1494927)

Description	Eotaxin also called CCL11 is a CC chemokine that signals through the CCR3 receptor. It is produced by IFN-gamma stimulated endothelial cells and TNF-activated monocytes. Eotaxin selectively chemoattracts eosinophils and along Eotaxin-2 and Eotaxin-3, plays a key role in the regulation of eosinophil recruitment in the asthmatic lung, and in allergic reactions.
Endotoxins	Less than 1EU/μg of rMuEotaxin/CCL11 as determined by LAL method.
Preservatives	Lyophilized from a 0.2μm filtered concentrated solution in PBS, pH 7.4.
Form/Appearance	Lyophilized from a 0.2μm filtered concentrated solution in PBS, pH 7.4.
Storage	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.
Note	For research use only
Application notes	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.
Protein Sequence	HPGSIPTSCC FIMTSKKIPN TLLKSYKRIT NNRCTLKAIV FKTRLGKEIC ADPKKKWVQD ATKHLDQKLQ TPKP
Purity	> 95% by SDS-PAGE and HPLC analyses.
Source	Escherichia coli.
MW	Approximately 8.3 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids.

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Expiration Date 6 months from date of receipt.

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