

**ChemWhat Technical Data Sheet (TDS)**

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<b>Catalog Number:</b>	214-11
<b>Source:</b>	<i>Escherichia coli</i> .
<b>Molecular Weight:</b>	Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids.
<b>Quantity:</b>	5µg /20µg /1000µg
<b>AA Sequence:</b>	GPDSVATTCC FTLTNKKIPL QRLESYRRII SGKCPQKAVI FKTKLAKDIC ADPKKKWVQD SMKYLDRKSP TPKP
<b>Purity:</b>	> 98 % by SDS-PAGE and HPLC analyses.
<b>Biological Activity:</b>	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood eosinophils is in a concentration range of 0.1-10.0 ng/ml.
<b>Physical Appearance:</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered concentrated solution in 2 × PBS, pH 6.9.
<b>Endotoxin:</b>	Less than 0.1 EU/µg of rRhEotaxin/CCL11 as determined by LAL method.
<b>Reconstitution:</b>	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.
<b>Shipping:</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage:</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"><li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li><li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li><li>● 3 months, -20 to -70 °C under sterile conditions after reconstitution.</li></ul>
<b>Usage:</b>	<b>ChemWhat Limited in UK offers this branded product for research, development or further evaluation purposes. NOT FOR HUMAN USE.</b>

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***Rhesus Macaque Eotaxin/CCL11***

CCL11 is belonging to the CC chemokine family. It is encoded by the gene CCL11. 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. Recombinant Rhesus Macaque CCL11 is a 74 amino acid (a.a.) protein and it shares 89%, and 57%, and 60% a.a. sequence identity with human, murine and rat CCL11.