

Eotaxin Rhesus Macaque Recombinant (CCL11)

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| Item Number | rAP-0134 |
| Synonyms | Small inducible cytokine A11, CCL11, Eosinophil chemotactic protein, chemokine (C-C motif) ligand 11, SCYA11, MGC22554. |
| Description | Recombinant Eotaxin Rhesus Macaque produced in E.coli cells is a non-glycosylated, homodimeric protein containing 74 amino acid chain and having a molecular mass of 8.4kDa. The Eotaxin is purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | Q8MIT7 |
| Amino Acid Sequence | GPDSVATTCC FTLTNKKIPL QRLESYRRII SGKCPQKAVI FKTKLAKDIC ADPKKKWVQD SMKYLDRKSP TPKP |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Eotaxin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Eotaxin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |
| Formulation and Purity | The Eotaxin was lyophilized from a 0.2µm filtered concentrated solution in 2×PBS, pH 7.0. Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. |
| Application | |
| Solubility | It is recommended to reconstitute the lyophilized Eotaxin Recombinant in sterile distilled H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. |
| Biological Activity | 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 corresponding to a specific activity of 1.0×10^5 - 1.0 |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**