

Rhesus Macaque Eotaxin Recombinant Protein



RPPB1126

Product Information Protein Information

Product SKU:

RPPB1126

Accession:

Q8MIT7

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Small inducible cytokine A11, CCL11, Eosinophil chemotactic protein, chemokine (C-C motif) ligand 11, SCYA11, MGC22554.

Formulation:

The Eotaxin was lyophilized from a 0.2µm filtered concentrated solution in 2×PBS, pH 7.0.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Eotaxin Recombinant in sterile distilled H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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.

Amino Acid Sequence:

GPDSVATTCC FTLTNKKIPL QRLESYRRII SGKCPQKAVI FKTKLAKDIC ADPKKKWVQD SMKYLDKSP TPKP

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 - 1.0×10^7 IU/mg.