

Rhesus Macaque Rantes Recombinant Protein



RPPB1245

Product Information Protein Information

Product SKU:

RPPB1245

Accession:

Q8HYQ1

Host:

Escherichia Coli.

Protein description:

Rantes Rhesus Macaque Recombinant produced in E.coli is a single, non-glycosylated, polypeptide chain containing 68 amino acids and having a molecular mass of 7.8kDa. The CCL5 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

C-C motif chemokine 5, Small-inducible cytokine A5, T-cell-specific protein RANTES, CCL5.

Formulation:

Rantes protein was lyophilized from a 0.2µm filtered concentrated solution in 20mM PB pH 6.0 and 500mM NaCl.

Purity:

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Rantes in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Rantes although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL5 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:

SPHASDTTPC CFAYIARPLP RAHIKEYFYT SGKCSNPAVV FVTRKNRQVC ANPEKKWVRE YINSLEMS.

Biological Activity:

The biological activity determined by a chemotaxis bioassay using human peripheral blood monocytes is in a concentration range of 1.0-10 ng/ml.