

Rhesus Macaque IL 8 Recombinant Protein



RPPB1168

Product Information Protein Information

Product SKU:

RPPB1168

Accession:

P67813

Host:

Escherichia Coli.

Protein description:

IL 8 Rhesus Macaque Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 79 amino acids and having a molecular mass of 9.1kDa. The IL 8 Rhesus Macaque is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

IL-8, CXCL8, Monocyte-derived neutrophil chemotactic factor, MDNCF, T-cell chemotactic factor, Neutrophil-activating protein 1, NAP-1, Protein 3-10C, Granulocyte chemotactic protein 1, GCP-1, Monocyte-derived neutrophil-activating peptide, MONAP, Emoctakin, K60, NAF, LECT, LUCT, 3-10C, LYNAP, SCYB8, TSG-1, AMCF-I, b-ENAP

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IL-8 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL-8 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-8 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

AVLPRSAKEL RCECIKTYSK PFHPKFIKEL RVIESGPHCA NTEIIVKLSL GRELCDPKE PWVQRVVEKF
VKRAENQNP

Biological Activity:

Determined by its ability to chemoattract human peripheral blood neutrophils using a concentration range of 50-150ng/ml, corresponding to a Specific Activity of 6,667-20,000IU/mg.