

Human IL 8 Recombinant Protein



RPPB1165

Product Information Protein Information

Product SKU:

RPPB1165

Accession:

P10145

Host:

Pichia Pastoris.

Protein description:

Interleukin-8 Human Recombinant produced in Yeast is a single, glycosylated polypeptide chain containing 79 amino acids and having a molecular mass of 9 kDa. The IL-8 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 concentrated (1mg/ml) solution in water containing 20mM sodium phosphate buffer pH-8.

Purity:

Greater than 98.0% as determined by SDS-PAGE.

Solubility:

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

Stability:

Lyophilized Interleukin-8 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL8 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.

Biological Activity:

Chemotactic activity was reached at 25ng/ml on human neutrophils.