

Rat ENA 78 Recombinant Protein



RPPB1121

Product Information Protein Information

Product SKU:

RPPB1121

Accession:

P97885

Host:

Escherichia Coli.

Protein description:

Epithelial Neutrophil-Activating Protein 78 Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 93 amino acids and having a molecular mass of 10.0kDa.The CXCL5 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

C-X-C motif chemokine 5, Small-inducible cytokine B5, Cytokine LIX, Cxcl5, Scyb5, LIX, GCP-2, Scyb6, ENA-78, AMCF-II.

Formulation:

Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 1×PBS, pH 7.4.

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 ENA-78 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized ENA-78 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL5 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:

APFSAMVATE LRCVCLTLAP RINPKMIANL EVIPAGPHCP KVEVIKLN QKDNVCLDPQ APLIKKVIQK ILGSENKTK RNALALVRSR STQ.

Biological Activity:

Determined by its ability to chemoattract human peripheral blood neutrophils using a concentration range of 10.0-100.0 ng/ml.