

Mouse LIX Recombinant Protein



RPPB1180

Product Information Protein Information

Product SKU:

RPPB1180

Accession:

P50228

Host:

Escherichia Coli.

Protein description:

LIX Mouse (CXCL5) Recombinant (49-118) produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 74 amino acids and having a molecular mass of 8kDa. The LIX Mouse is expressed with 4 additional amino acids [VIAA] at n-terminus and 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:

LIX Mouse is lyophilized from a 0.2µm filtered solution in PBS.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

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

Stability:

Lyophilized LIX Mouse 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:

VIAATELRVCV CLVTTPKINP KLIANLEVIP AGPQCPTVEV IAKLKNQKEV CLDPEAPVIK KIIQKILGSD KKKA.

Biological Activity:

The ED₅₀, as measured by its ability to chemoattract human CXCR2-transfected mouse BaF3 cells, is less than 0.1µg/ml.