

LIX Mouse Recombinant (CXCL5)

Item Number	rAP-0129
Synonyms	C-X-C motif chemokine 5, Small-inducible cytokine B5, Cytokine LIX, Cxcl5, Scyb5, LIX, GCP-2, Scyb6, ENA-78, AMCF-II.
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.
Uniprot Accession Number	P50228
Amino Acid Sequence	VIAATELRVCV CLTVTPKINP KLIANLEVIP AGPQCPTVEV IAKLKNQKEV CLDPEAPVIK KIIQKILGSD KKKA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	LIX Mouse is lyophilized from a 0.2µm filtered solution in PBS. Greater than 97.0% as determined by SDS-PAGE.
Application	
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.
Biological Activity	The ED50, as measured by its ability to chemoattract human CXCR2-transfected mouse BaF3 cells, is less than 0.1µg/ml.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**