

Product datasheet for **TP723724**

Cxcl5 (NM_009141) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 5 (Cxcl5 / Lix)
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Mouse CXCL5, the region of Val45-Ala118, from gene Accession# NM_009141.2
Tag:	Tag Free
Predicted MW:	8.0 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS
Bioactivity:	Recombinant mouse CXCL5 (LIX) chemoattracts Baf3-mCXCR2 transfectants in a dose-dependent manner. The ED50 for this effect is 0.06 – 0.36 ng/mL.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_033167
Locus ID:	20311
UniProt ID:	P50228
RefSeq Size:	1655
Cytogenetics:	5 44.78 cM
RefSeq ORF:	396
Synonyms:	AMCF; AMCF-II; Cxcl; Cxcl6; ENA-; ENA-78; GCP-; GCP-2; L; LIX; Scyb; Scyb5; Scyb6



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Summary:

This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils and to have homeostatic and inflammatory functions. In mouse, deficiency of this gene is associated with increased lung inflammation that is neutrophil-dependent. [provided by RefSeq, May 2013]