

Product datasheet for **TP723275**

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).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	APSSVIAATE LRCVCLTVTP KINPKLIANL EVIPAGPQCP TVEVIAKLKN QKEVCLDPEA PVIKKIIIQK ILGSDKKKAK RNALAVERTA SVQ
Tag:	Tag Free
Predicted MW:	8.8 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract human neutrophils using a concentration range of 10-100 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
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]

Product images: