

Product datasheet for **TP723728**

Cxcl1 (NM_008176) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chemokine (C-X-C motif) ligand 1 (Cxcl1 / KC)
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Mouse CXCL1, the region of Asn29-Lys96, from gene Accession# NM_008176.3
Tag:	Tag Free
Predicted MW:	7.4 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS
Bioactivity:	Recombinant mouse CXCL1 (KC) chemoattracts Baf3-mCXCR2 transfectants in a dose-dependent manner. The ED50 for this effect is 0.1– 0.6 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_032202
Locus ID:	14825
UniProt ID:	P12850
RefSeq Size:	964
Cytogenetics:	5 44.78 cM
RefSeq ORF:	288
Synonyms:	F; Fsp; Gr; gro; Gro1; KC; Mg; Mgsa; N5; N51; Scyb; Scyb1



[View online »](#)

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 secretory protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils. In mouse, deficiency of this gene is associated with colitis and with defects in immune cell recruitment to the lung. [provided by RefSeq, Apr 2013]