

## Product datasheet for **TP726895**

### Cxcl1 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse C-X-C Motif Chemokine 1/CXCL1/GRO $\hat{1}\pm$ (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Arg20-Lys96
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse C-X-C motif chemokine 1 is produced by our Mammalian expression system and the target gene encoding Arg20-Lys96 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	14825
UniProt ID:	<a href="#">P12850</a>
Summary:	Growth-regulated alpha protein (CXCL1,KC), is a member of the alpha chemokine subfamily, was initially identified as an immediate early gene induced in mouse fibroblasts by platelet-derived growth factor. The N-terminal processed form KC(5-72) of the protein is produced by proteolytic cleavage after secretion from bone marrow stromal cells, and shows a highly enhanced hematopoietic activity. Mouse KC shows approximately 63% identity to that of mouse MIP-2. KC is also approximately 60% identical to the human GROs. It has been suggested that mouse KC and MIP-2 are the orthologs of the human GROs and rat CINC <sub>1</sub> . Cxcl1 has chemotactic activity for neutrophils, and contributes to neutrophil activation during inflammation. Hematopoietic chemokine, in vitro, suppresses hematopoietic progenitor cell proliferation.


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