

Product datasheet for **TP727115**

Cxcl2 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse C-X-C Motif Chemokine 2/CXCL2/MIP-2
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala28-Asn100
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Mouse C-X-C motif chemokine 2 is produced by our E.coli expression system and the target gene encoding Ala28-Asn100 is expressed.
Stability:	12 months from date of despatch
Locus ID:	20310
UniProt ID:	P10889
Summary:	C-X-C motif chemokine 2 (CXCL2,MIP-2) belongs to the intercrine alpha (chemokine Cx) family. It was originally identified as a heparin-binding protein secreted from a murine macrophage cell line in response to endotoxin stimulation. The expression of mouse MIP-2 is stimulated by endotoxin. The mouse MIP-2 shares approximately 63% aa sequence identity with murine KC, another mouse alpha chemokine, which is induced by PDGF. It has been suggested that mouse KC and MIP-2 are the homologs of the human GROs and rat CINC3s. Chemotactic for human polymorphonuclear leukocytes but does not induce chemokinesis or an oxidative burst. The expression of MIP-2 was found to be associated with neutrophil influx in pulmonary inflammation and glomerulonephritis, suggesting that MIP-2 may contribute to the pathogenesis of inflammatory diseases.



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