

## Cxcl3

### Recombinant Mouse CXCL3/DCIP-1

<b>Catalog No.</b>	CS511A CS511B CS511C	<b>Quantity:</b>	2 µg 10 µg 1 mg
<b>Alternate Names:</b>	Chemokine (C-X-C motif) ligand 3, C-X-C motif chemokine 3, Dendritic cell inflammatory protein 1		
<b>Description:</b>	Chemokine (C-X-C motif) Ligand 3 (CXCL3) is also known as Dendritic cell inflammatory protein-1 (DCIP1) in mice, Macrophage inflammatory protein 2 beta (MIP-2 beta) or Growth regulated oncogene gamma (GRO gamma) in humans, and Cytokine induced neutrophil attractant 2 (CINC2) in rats. It is an 8 kDa proinflammatory member of the CXC subfamily of heparin binding chemokines, also called alpha chemokines. Mature mouse CXCL3 shares 88% and 57% amino acid (aa) sequence identity with rat and human CXCL3, respectively. Recombinant Mouse CXCL3/DCIP-1 is a single, non-glycosylated polypeptide chain containing 73 amino acids.		
<b>Gene ID:</b>	330122		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	~7.9 kDa		
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4		
<b>Purity:</b>	>97% by SDS-PAGE and HPLC analyses.		
<b>Endotoxin Level:</b>	<1EU/µg as determined by LAL method.		
<b>Biological Activity:</b>	Fully biologically active when compared to standard. The ED <sub>50</sub> as determined by a chemotaxis bioassay using human CXCR2 transfected human 293 cells is <100 ng/ml.		
<b>Specific Activity:</b>	> 1.0 × 10 <sup>4</sup> IU/mg.		
<b>Amino Acid Sequence:</b>	AVVASELRCQ CLNTLPRVDF ETIQSLTVTP PGPHCTQTEV IATLKDGQEV CLNPQGPRQLQ IIIKKILKSG KSS		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. This depends upon the particular application employed. Further dilutions should be made in appropriate buffered solutions.		
<b>Storage &amp; Stability:</b>	This lyophilized preparation is stable at 2-8°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. <b>Avoid repeated freeze/thaw cycles.</b>		

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