

## Cxcl5

### Recombinant Mouse CXCL5

<b>Catalog No.</b>	CRL401B	<b>Quantity:</b>	20 µg
<b>Alternate Names:</b>	-X-C motif chemokine 5, Cytokine LIX, Small-inducible cytokine B5		
<b>Description:</b>	LIX is a CXC chemokine that signals through the CXCR2 receptor. It is expressed in monocytes, platelets, endothelial cells, and mast cells. LIX is a chemoattractant for neutrophils. The two naturally occurring variants of LIX; LIX 1-78 (GCP-2) and LIX 9-78 (GCP-2), contain 78 and 70 amino acid residues, respectively. LIX contains the four conserved cysteine residues present in CXC chemokines, and also contains the 'ELR' motif common to CXC chemokine that bind to the CXCR1 and CXCR2 receptors.		
<b>UniProt ID:</b>	P50228		
<b>Gene ID:</b>	20311		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	7.6 kDa (70 aa)		
<b>Formulation:</b>	Lyophilized		
<b>Purity:</b>	< 98% by SDS-PAGE and HPLC analyses.		
<b>Endotoxin Level:</b>	< 1 EU/µg		
<b>Biological Activity:</b>	Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-100.0 ng/ml.		
<b>Amino Acid Sequence:</b>	TELRCVCLTV TPKINPKLIA NLEVIPAGPQ CPTVEVIACL KNQKEVCLDP EAPVIKKIIQ KILGSDKKKA		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add PBS or medium to the vial to fully solubilize the protein to a concentration ≥ 100 µg/ml. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein such as 0.1% BSA and store in working aliquots at -20°C to -80°C.		
<b>Storage &amp; Stability:</b>	Lyophilized protein is stable for 1 year at -20°C to -80°C. Store reconstituted protein in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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