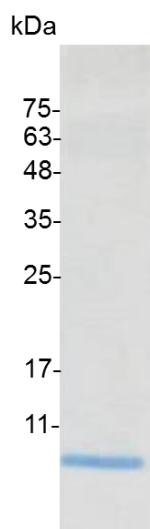


PRODUCT INFORMATION  
**CXCL5 (C-X-C motif chemokine 5), Mouse**

<b>Catalog number</b>	C02076-5UG / C02076-20UG / C02076-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	The protein encoded by this gene, Chemokine (C-X-C motif) ligand 5 (CXCL5), is a small cytokine belonging to the CXC chemokine family that is also known as epithelial-derived neutrophil-activating peptide 78 (ENA-78). This chemokine is produced concomitantly with interleukin-8 (IL8) in response to stimulation with either interleukin-1 (IL1) or tumor necrosis factor-alpha (TNFA). It is observed that, CXCL5 also expresses in eosinophils, and can interact with the type II interferon IFN- $\gamma$ , thereby cause an inhibition. This chemokine stimulates the chemotaxis of neutrophils possesses angiogenic properties, and elicits these effects by interacting with the cell surface chemokine receptor CXCR2.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	VIAATELRCVCLTVTPKINPKLIANLEVIPAGPQCPTVEVIAKLKNQKEVCLDPEAP VIKKIIQKILGSDKKKA with polyhistidine tag at the N-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED <sub>50</sub> for this effect is <100 ng/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant mouse CXCL5

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