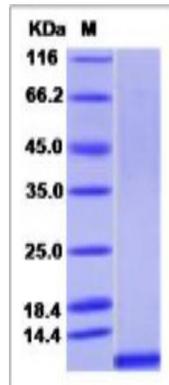


Cxcl5

Recombinant Mouse CXCL5 (His Tag)

Catalog No.	CRM595A-His CRM595B-His CRM595C-His	Quantity:	20 µg 100 µg 1.0 mg
Alternate Names:	C-X-C motif chemokine 5, Cytokine LIX, Small-inducible cytokine B5		
Description:	CXCL5 is a small cytokine belonging to the CXC motif chemokine family. CXC chemokines are particularly significant for leukocyte infiltration in inflammatory diseases. CXCL5 is produced following stimulation of cells with the inflammatory cytokines interleukin-1 or tumor necrosis factor-alpha. It also can be detected in eosinophils, and can be inhibited with the type II interferon. CXCL5 plays a role in reducing sensitivity to sunburn pain in some subjects, and is a potential target which can be utilized to understand more about pain in other inflammatory conditions like arthritis and cystitis. It stimulates the chemotaxis of neutrophils possesses angiogenic properties. It elicits these effects by interacting with the cell surface chemokine receptor CXCR2.		
UniProt ID:	P50228		
Accession Number:	NP_033167.2		
Protein Construction:	A DNA sequence encoding the mouse Cxcl5 (Val45-Ala118) was expressed with a polyhistidine tag at the C-terminus.		
Source:	Yeast		
Formulation:	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
Molecular Weight:	The recombinant mouse Cxcl5 consists of 84 amino acids with a predicted molecular mass of 9.4 kDa.		
Purity:	> 95 % as determined by SDS-PAGE.		
Biological Activity:	Testing in progress		
Predicted N-terminal:	Val 45		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Stable for up to 1 year from date of receipt at -20°C to -80°C After reconstitution, store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

SDS-PAGE



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