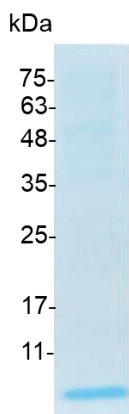


PRODUCT INFORMATION

CXCL1 (C-C motif chemokine ligand 1), Mouse

Catalog number	C02073-5UG / C02073-20UG / C02073-100UG
Package	5 µg / 20 µg / 100 µg
Description	CXCL1/GROα act as a growth factor for melanoma cells. It is also a chemotaxin for neutrophils. Like other alpha chemokines, this protein is potent neutrophil attractant and activator and is also affect basophils. Clinical research show that CXCL1 protein may be a therapeutic target as well as a diagnostic marker in ovarian cancer.
Source	<i>Escherichia coli</i>
Sequence	NELRCQCLQTMAGIHLKNIQSLKVLPSGPHCTQTEVIATLKNGREACLDPEAPLV QKIVQKMLKGVPK
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED ₅₀ for this effect is <15 ng/mL.
Purity	>95% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 50 mM Tris and 150 mM NaCl, pH 8.5.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ 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.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant mouse CXCL1

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