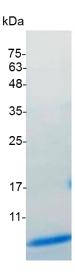
PRODUCT INFORMATION

CXCL3 (C-X-C motif chemokine 3), Mouse

Catalog number	C02075-5UG / C02075-20UG / C02075-100UG
Package	5 μg / 20 μg / 100 μg
Description	CXCL3 is an ELR CXC chemokine. Its structural and functional characteristics are similarto GRO1 (CXCL1), GRO2 (CXCL2), and interleukin-8 (CXCL8). CXC chemokines is critical in the phase I inflammation, in which the PMN cells are rapidly chemoattracted. In the next phase of inflammation, the CC chemokines (MCPs) attract different cell subpopulations such as T cells, monocytes, basophils, and eosinophils. MMP12, primarily released by macrophages, can modulate the activity of ELR-CXC chemokines and cleavage human CXCL1, CXCL2 and CXCL3 within the ELR sequence at Glu6-Leu7.
Source	Escherichia coli
Sequence	AVVASELRCQCLNTLPRVDFETIQSLTVTPPGPHCTQTEVIATLKDGQEVCLNP QGPRLQIIIKKILKSGKSS with polyhistidine tag at the N-terminus
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 <80 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 100 μ g/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 CXCL3

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