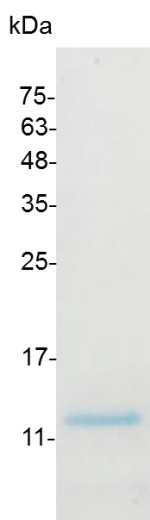


PRODUCT INFORMATION
CXCL2 (C-X-C motif chemokine 2), Human

Catalog number	C01128-5UG / C01128-20UG / C01128-100UG
Package	5 µg / 20 µg / 100 µg
Description	CXCL2 is an ELR CXC chemokine. The structural and functional characteristics of CXCL2 have relationship with GRO1 (CXCL1), GRO3 (CXCL3), and interleukin-8 (CXCL8). It is produced by activated monocytes, neutrophils and macrophages. In addition, it also expresses at sites of inflammation. It has been detected that CXCL2 is highly expressed in serum of patients with the disease "esophageal squamous cell carcinoma" (ESCC).
Source	<i>Escherichia coli</i>
Sequence	APLATELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNQKACLNP ASPMVKKIIEKMLKNGKSN 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 <10 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 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 human CXCL2

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