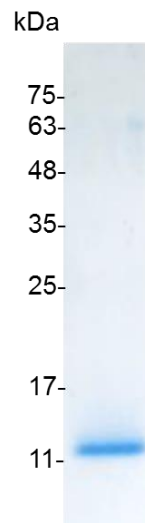


CXCL3 (C-X-C motif chemokine 3), Human

v. 231001

Catalog number	C01129-5UG / C01129-20UG / C01129-100UG
Package	5 µg / 20 µg / 100 µg
Description	<p>CXCL3 is an ELR CXC chemokine. Its structural and functional characteristics are similar to 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.</p>
Source	<i>Escherichia coli</i>
Sequence	ASVVTELRCQCLQTLQGIHLKNIQSVNVRSPGPHCAQTEVIATLKNGKKAQLNP ASPMVQKIIEKILNKGSTN 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 <2 ng/mL.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p>



SDS-PAGE analysis of recombinant human CXCL3

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