PRODUCT INFORMATION

CXCL6 (C-X-C motif chemokine 6), Human

Catalog number	C01132-5UG / C01132-20UG / C01132-100UG
Package	5 μg / 20 μg / 100 μg
Description	CXCL6, also named as GCP-2 in humanspecies, is a CXC chemokine derived from connective tissue. This protein can signal through the CXCR1 and CXCR2 receptors. GCP-2 is a selectively attractant of neutrophils and can also utilize anti-angiogenic activity. Human GCP-2 is found to have cross-reactivity in murine cells assay.
Source	*Escherichia coli*
Sequence	VSAVLTELRCTCLRVTLRVNPKTIGKLQVFPAGPQCSKVEVVASLKNGKQVCLD PEAPFLKKVIQKILDSGNKKN 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_2O 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 CXCL6

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