

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

v. 231001

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	<i>Escherichia coli</i>
Sequence	VSAVLTELRCTCLRVTLRVNPKTIGKLQVFPAGPQCSKVEVVASLKNKGQVCLD 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.
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	This product is stable after storage at: <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. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human CXCL6

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