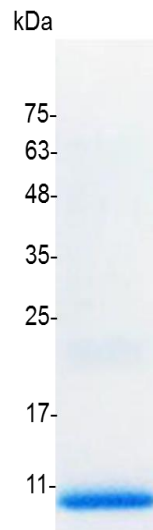


CXCL1 (C-X-C motif chemokine 1), Human

v. 231001

Catalog number	C01127-5UG / C01127-20UG / C01127-100UG
Package	5 µg / 20 µg / 100 µg
Description	CXCL1/GROα act as a growth factor for melanoma cells. It is also a chemotaxin for neutrophils. Like other alpha chemokines, this protein is potent neutrophil attractant and activator and is also affect basophils. Clinical research show that CXCL1 protein may be a therapeutic target as well as a diagnostic marker in ovarian cancer.
Source	<i>Escherichia coli</i>
Sequence	ASVATELRCQCLQTLQGIHPKNIQSVNVKSPGPHCAQTEVIATLKNGRKACLNP ASPIVKKIIKMLNSDKSN 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 <3 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 CXCL1

For research use only.