

Product Datasheet

Recombinant IL-8/CXCL8(8-79aa), Human (CHO-expressed) (orb1494692)

Catalog Number	orb1494692
Description	Interleukin-8 (IL-8), also known as CXCL8, GCP-1 and NAP-1, is a proinflammatory chemokine belonging to the intercrine alpha (chemokine CXC) family. It is secreted by monocytes, macrophages and endothelial cells. IL-8 signals through CXCR1 and CXCR2 to chemoattract neutrophils, basophils, and T cells. IL-8 is also a potent promoter of angiogenesis. Other functions of this protein, such as involvement in bronchiolitis pathogenesis, have also been reported.
Endotoxins	< 0.2 EU/μg, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS.
Form/Appearance	Lyophilized after extensive dialysis against PBS.
Storage	Lyophilized recombinant Human Interleukin-8 remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Human Interleukin-8 should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only
Application notes	Reconstituted in ddH ₂ O or PBS at 100 μg/ml.
Protein Sequence	AVLPRSAKELRCQCIKTYSKPFHFKFIKELRVIESGPHCANTEIIVKLSDGRELCLDPKENWVQ RVVEKFLKRAENS
Purity	> 95% as analyzed by SDS-PAGE and HPLC.
Source	CHO
MW	~9 kDa, observed by reducing SDS-PAGE
Expiration Date	6 months from date of receipt.

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