

## Product Datasheet

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

<b>Catalog Number</b>	orb1494692
<b>Description</b>	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.
<b>Endotoxins</b>	< 0.2 EU/μg, determined by LAL method.
<b>Preservatives</b>	Lyophilized after extensive dialysis against PBS.
<b>Form/Appearance</b>	Lyophilized after extensive dialysis against PBS.
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstituted in ddH2O or PBS at 100 μg/ml.
<b>Protein Sequence</b>	AVLPRSAKELRCQCIKTYSKPFHPKFIKELRVIESGPHCANTEIIVKLSDGRELCCLDPKENWVQ RVVEKFLKRAENS
<b>Purity</b>	> 95% as analyzed by SDS-PAGE and HPLC.
<b>Source</b>	CHO
<b>MW</b>	~9 kDa, observed by reducing SDS-PAGE
<b>Expiration Date</b>	6 months from date of receipt.

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