

Datasheet: PHP054

Description:	RECOMBINANT HUMAN INTERLEUKIN-8 (77 AMINO ACIDS)
Name:	IL-8 (77 AMINO ACIDS)
Other names:	CXCL8
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	25 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA			▪	
Functional Assays	▪			25ng/ml - 150ng/ml

Where this protein has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the protein for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified recombinant protein expressed in <i>E. coli</i> - lyophilised
Reconstitution	Reconstitute with 0.25 ml distilled water
Preservative Stabilisers	None present
Endotoxin Level	<0.1ng/ug
Approx. Protein Concentrations	0.1 mg/ml

External Database Links

UniProt:

[P10145](http://www.uniprot.org/entry/P10145)

[Related reagents](#)

Entrez Gene:

Synonyms	CXCL8
Product Information	<p>Recombinant Human interleukin-8 protein is an <i>E. coli</i> derived full length form of interleukin-8, also known as C-X-C motif chemokine 8, Emotakin, Granulocyte chemotactic protein 1, Monocyte-derived neutrophil chemotactic factor, Monocyte-derived neutrophil-activating peptide, Neutrophil-activating protein 1, Protein 3-10C or T-cell chemotactic factor. Human interleukin-8 promotes neutrophil chemotaxis and degranulation. The 77 amino acid form is the predominant form secreted by endothelial cells.</p> <p>A truncated form, IL-8 (6-77) of human interleukin-8 (PHP055) is also available.</p>
Protein Molecular Weight	8.9kD (77 amino acid sequence)
Purity	>98% by SDS PAGE and HPLC analysis
Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	3 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation #10277 available at: 10277: https://www.bio-rad-antibodies.com/uploads/MSDS/10277.pdf
Regulatory	For research purposes only

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