

Datasheet: PHP057

Description:	RECOMBINANT HUMAN IP-10
Name:	IP-10
Other names:	CXCL10
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.abdserotec.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			0.2 - 0.4ng/well
Western Blotting	■			1.5 - 3.0ng/lane
Functional Assays	■			10.0 - 50.0ng/ml

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Product Form

Purified recombinant protein expressed in *E. coli* - lyophilised

Reconstitution

Reconstitute with 0.25ml distilled water

Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AbD Serotec recommend that the vial is gently mixed after reconstitution. For long term storage, the addition of 0.1%BSA is recommended.

Preservative Stabilisers

None present

Endotoxin Level

<0.1 ng/ug

Approx. Protein Concentrations

0.1 mg/ml after reconstitution

External Database Links

UniProt:

[P02778](#) CXCL10_HUMAN [Related reagents](#)

Entrez Gene:

[3627](#) CXCL10 [Related reagents](#)

Synonyms

INP10, SCYB10

Product Information

IP-10 is produced by several cell types during the delayed type hypersensitivity response. It acts as a chemoattractant towards monocyte and some T-lymphocytes.

Protein Molecular Weight

8.5kD (77 amino acid sequence)

Purity	>98% by SDS PAGE
ELISA	PHP057 may be used in ELISA applications with either AHP782 or AHP782B .
Western Blotting	PHP057 may be used in Western blot applications with either AHP782 or AHP782B .
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>
Shelf Life	3 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet Documentation #10277 available at: http://www.abdserotec.com/uploads/MSDS/10277.pdf
Regulatory	For research purposes only

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