

Datasheet: PMP60

Description:	RECOMBINANT MOUSE 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			■	
Functional Assays	■			

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

Target Species

Mouse

Product Form

Purified recombinant protein - lyophilised

Reconstitution

Reconstitute with 25 ul distilled water

Note

Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Serotec recommend that the vial is gently mixed after reconstitution.

Preparation

Recombinant protein expressed in *E.Coli*

Preservative Stabilisers

None present

Endotoxin Level

<0.1 ng/ug

Approx. Protein Concentrations

1.0 mg/ml

External Database Links

UniProt:

[P17515](#) CXL10_MOUSE [Related reagents](#)

Entrez Gene:

[15945](#) Cxcl10 [Related reagents](#)

Synonyms

Crg2, Ifi10, Inp10, Scyb10

Product Information

Interferon gamma inducible protein (IP-10), also known as CXCL 10, is an 8.5kD chemokine which is expressed in a variety of murine tissues including liver, kidney, gut, thymus and spleen in response to interferon gamma.

IP-10 acts as a chemoattractant for monocytes, NK cells and certain T-cells. It is thought NK cells have an anti-tumour effect for several types of cancer and may play a role in the repair and regeneration of hepatic tissue.

Protein Molecular Weight	8.5kD (77 amino acid sequence)
Purity	>98% by SDS page and HPLC analysis
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C. This product should be stored undiluted. 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.
Shelf Life	3 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet Documentation #10268 available at: http://www.abdserotec.com/uploads/MSDS/10268.pdf
Regulatory	For research purposes only

North & South America Tel: +1 800 265 7376 **Worldwide**
 Fax: +1 919 878 3751
 Email: sales.us@abdserotec.com

Tel: +44 1865 852 700 **Europe**
 Fax: +44 1865 852 739
 Email: sales@abdserotec.com

Tel: 00800 2255 4223
 Fax: 00800 2329 2223
 Email: sales.eu@abdserotec.com

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