Datasheet: PHP063

Description:	RECOMBINANT HUMAN MIP-1 ALPHA
Name:	MIP-1 ALPHA
Other names:	CCL3
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	20 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	▪			1ng/ml - 10ng/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 - lyophilised

Reconstitution

Reconstitute with 0.2 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently vortexed after reconstitution and microcentrifuged before use.

Preparation

Purified recombinant MIP-1alpha expression in *E.coli*.

Preservative Stabilisers

None present.

Endotoxin Level

<0.1ng/ug.

Approx. Protein Concentrations

0.1mg/ml.

External Database Links

UniProt:

P10147 Related reagents

Entrez Gene:

6348 CCL3 Related reagents

Synonyms	G0S19-1, MIP1A, SCYA3
Product Information	**Human macrophage inflammatory protein -1alpha (MIP-1alpha)** plays an important role in the inflammatory response of blood monocytes and tissue macrophages.
Protein Molecular Weight	7.8 kDa (70 amino acid sequence).
Purity	>99% by SDS PAGE and HPLC analysis.
References	1. Grisar, J. *et al*. (2001) Phenotypic characteristics of human monocytes undergoing transendothelial migration. Arthritis. Res. 3: 127 - 132.
Storage	Prior to reconstitution store at +4^{o}C. Following reconstitution store at -20^{o}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 available at: Material Safety Datasheet Documentation #10277 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10277.pdf
Regulatory	For research purposes only.

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