

Recombinant Mouse IP-10/CXCL10 Protein

Product Information

Product Name	Cat#	Size
Recombinant Mouse IP-10/CXCL10 Protein	90927ES08	5 µg
	90927ES60	100 µg
	90927ES76	500 µg

Product Description

CXCL10 is a cytokine belonging to the CXC chemokine family. Mouse CXCL10 shares approximately 67% amino acid sequence identity with human CXCL10. CXCL10 has been shown to be a chemoattractant for activated T-lymphocytes and monocytes. It also has the effect of promoting the adhesion of T cells to endothelial cells, as well as inhibiting bone marrow colony formation and angiogenesis.

Product Properties

Synonyms	Gamma-IP10, Small-inducible Cytokine B10, C7, CXCL10, gIP-10, IFI10, Interferon-gamma Induced Protein CRG-2
Accession	P17515
GeneID	15945
Source	E.coli-derived mouse IP-10/CXCL10 protein, Ile22-Pro98.
Molecular Weight	Approximately 8.7 kDa.
AA Sequence	IPLARTVRCN CIHIDDGPVR MRAIGKLEII PASLSCPRVE IATMKKNDE QRCLNPESKT IKNLMKAFSQ KRSKRAP
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	>97% by SDS-PAGE and HPLC analyses.
Biological Activity	The biologically active determined by a chemotaxis bioassay using human peripheral blood lymphocytes is in a concentration range of 0.1-10.0 ng/mL in the presence of IL-2.
Endotoxin	< 1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 2 × PBS, pH 7.4.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.

Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C for 1 year.

1 month, 2 to 8 °C under sterile conditions after reconstitution.

3 months, -20 °C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

Cautions

1. For your safety and health, please wear lab coats and disposable gloves for operation.

2. For research use only!