

Recombinant Mouse CXCL10 protein(His Tag)

Catalog Number: PKSM041503

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Species	Mouse
Source	E.coli-derived Mouse CXCL10 protein Ile 22-Pro 98, with an N-terminal His
Calculated MW	9.5 kDa
Observed MW	7-11 kDa
Accession	P17515
Bio-activity	Measure by its ability to chemoattract human THP1 cells using a concentration range of 50-100 ng/mL.

Properties

Purity	> 98 % as determined by reducing SDS-PAGE.
Endotoxin	< 0.1 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data

> 98 % as determined by reducing SDS-PAGE.

Background

Human C-X-C Motif Chemokine Ligand 10 (CXCL10) is a non-ELR chemokine secreted by various cell types; such as monocytes; endothelial cells and fibroblasts; in response to IFN-γ. CXCL10 functions via chemokine receptor CXCR3. CXCL10 has been attributed to several roles; such as chemoattraction for activated T-lymphocytes; inhibition of angiogenesis; and antitumor activity.