

Growth Factor Data Sheet

GoldBio growth factors are manufactured for **RESEARCH USE ONLY** and cannot be sold for human consumption!

CXCL11 is a CXC chemokine lacking the ELR motif. It is expressed in peripheral blood leukocytes, in pancreas and liver, as well as in several other tissues at lower levels. CXCL11 is strongly induced by interferon gamma and is closely related to CXCL9 and CXCL10, but has a higher affinity for CXCR3. CXCL11 also acts as a ligand for CXCR7. It is chemotactic for activated T-cells and plays a role in angiostasis, as well as CNS diseases that involve T-cell recruitment. CXCL11 also exhibits antimicrobial properties against Gram-positive and Gram-negative bacteria.

Catalog Number	2110-11
Product Name	CXCL11, Human Recombinant Human Chemokine (C-X-C motif) Ligand 11 (CXCL11) Interferon-Inducible T-cell Alpha Chemoattractant (ITAC) Small Inducible Cytokine Subfamily B Member 9B (SCYB9B) Small Inducible Cytokine Subfamily B Member 11 (SCYB11) Interferon-Gamma-Inducible Protein 9, (IP9, INP9)
Source	<i>Escherichia coli</i>
MW	~8.3 kDa (73 amino acids)
Sequence	FPMFKRGRCL CIGPGVKAVK VADIEKASIM YPSNNCDKIE VIITLKENKG QRCLNPKSKQ ARLIKKVER KNF
Accession Number	Q14625
Purity	>97% by SDS-PAGE and HPLC analyses
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human IL-2 activated human T-lymphocytes is in a concentration range of 0.1-10 ng/ml.
Formulation	Sterile filtered white lyophilized powder. Purified and tested for use in cell culture.
Storage/Handling	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage. The reconstituted sample can be apportioned into working aliquots and stored at -80 °C for up to 6 months. Avoid repeated freeze/thaw cycles.
Reconstitution	The sample should be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in a siliconized tube using PBS that contains a 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Reconstituted solutions are stable for up to one week at 2-8°C. Stock solutions should be aliquoted and stored at -80°C. Further dilutions should be made in appropriate buffered solutions containing BSA or serum.