

Human CXCL16 Recombinant Protein



RPPB1113

Product Information Protein Information

Product SKU:

RPPB1113

Accession:

Q9H2A7

Host:

Escherichia Coli.

Protein description:

CXCL16 Human Recombinant (30-118 a.a.) produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 89 amino acids and having a molecular mass of 10kDa. The CXCL16 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Chemokine (C-X-C Motif) Ligand 16, Scavenger Receptor For Phosphatidylserine And Oxidized Low Density Lipoprotein, Transmembrane Chemokine CXCL16, Small-Inducible Cytokine B16, CXC Chemokine Ligand 16, SR-PSOX, SRPSOX, C-X-C Motif Chemokine 16, CXCLG16, SCYB16, CXCL16.

Formulation:

CXCL16 protein was lyophilized from a 0.2µm filtered solution in PBS.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CXCL16 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized CXCL16 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL16 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

NEGSVTGSCY CGKRISDSP PSVQFMNRLR KHLRAYHRCL YYTRFQLLSW SVCGGNKDPW VQELMSCLDL
KECGHAYSGI VAHQKHLPL.

Biological Activity:

The ED₅₀, as measured by its ability to chemoattract mouse CXCR6-transfected mouse BaF3 cells, is less than 12ng/ml.