ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

CXCL16 Human Recombinant

Item Number	rAP-0124
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, S
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.
Uniprot Accesion Number	Q9H2A7
Amino Acid Sequence	NEGSVTGSCY CGKRISSDSP PSVQFMNRLR KHLRAYHRCL YYTRFQLLSW SVCGGNKDPW VQELMSCLDL KECGHAYSGI VAHQKHLLP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	CXCL16 protein was lyophilized from a 0.2μm filtered solution in PBS. Greater than 97.0% as determined by SDS-PAGE.
Application	
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.
Biological Activity	The ED50, as measured by its ability to chemoattract mouse CXCR6-transfected mouse BaF3 cells, is less than 12ng/ml.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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