Bioactive

CXCL16 (Human) Recombinant Protein

Catalog # P9430 Size 25 ug

Specification

Product Description	Human CXCL16 (Q9H2A7, 30 a.a. - 118 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	NEGSVTGSCYCGKRISSDSPPSVQFMNRLRKHLRAYHRCLYYTRFQLLSWSVCGGNKDPWVQE LMSCLDLKECGHAYSGIVAHQKHLLP
Host	Escherichia coli
Theoretical MW (kDa)	10
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97.0% by SDS-PAGE
Activity	The ED_{50} is < 12 ng/mL, measured by the ability to chemoattract mouse CXCR6-transfected mouse BaF3 cells.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — CXCL16

Entrez GeneID	58191
Protein Accession#	Q9H2A7
Gene Name	CXCL16
Gene Alias	CXCLG16, SR-PSOX, SRPSOX
Gene Description	chemokine (C-X-C motif) ligand 16
Omim ID	605398
Gene Ontology	Hyperlink
Other Designations	CXC chemokine ligand 16

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Atherosclerosis
- Bronchiolitis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Coronary Artery Disease
- Coronary Stenosis
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease

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- Infant
- Inflammatory Bowel Diseases
- Kidney Failure
- Myocardial Infarction
- Respiratory Syncytial Virus Infections
- Stroke

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