

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 <i>Escherichia coli</i> .
Sequence	NEGSVTGSCYCGKRISDPPSVQFMNRLRKHLRAYHRCLYYTRFQLLSWSVCGGNKDPWVQE LMSCLDLKECGHAYSGIVAHQKHLLP
Host	Escherichia coli
Theoretical MW (kDa)	10
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> 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

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](#)

- [Infant](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stroke](#)