Bioactive

CXCL6 (Human) Recombinant Protein

Catalog # P7664 Size 1 mg

Specification

Product Description	Human CXCL6 (P80162, 43 a.a. - 114 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	VLTELRCTCLRVTLRVNPKTIGKLQVFPAGPQCSKVEVVASLKNGKQVCLDPEAPFLKKVIQKILD SGNKKN
Host	Escherichia coli
Theoretical MW (kDa)	7.9
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 98% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The ED_{50} as determined by a chemotaxis bioassay using human neutrophils is in a concentration ran ge of 10.0 - 50.0 ng/mL.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/mL
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage 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 — CXCL6

Entrez GeneID	6372
Protein Accession#	P80162
Gene Name	CXCL6
Gene Alias	CKA-3, GCP-2, GCP2, SCYB6
Gene Description	chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2)
Omim ID	138965
Gene Ontology	Hyperlink
Gene Summary	member b|small inducible cytokine subfamily B (Cys-X-Cys)
Other Designations	Small inducible cytokine subfamily B (Cys-X-Cys), member b|small inducible cytokine subfamily B (Cys-X-Cys), member 6 (granulocyte chemotactic protein 2)

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Bronchiolitis
- Celiac Disease
- Cystic fibrosis
- Genetic Predisposition to Disease
- Infant
- Ovarian Neoplasms
- Respiratory Syncytial Virus Infections

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