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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CXCL12 (Human) Recombinant Protein

Catalog Number: P9575

Regulation Status: For research use only (RUO)

Product Description: Human CXCL12 (P48061, 22 a.a. - 93 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHHSSGLVPRGSHMKPVLSYRCPCRFFE
SHVARANVKHLKILNTPNCALQIVARLKNNNRQVCIDP
KLKWIQEYLEKALNKRFSK

Host: *Escherichia coli*

Theoretical MW (kDa): 10.8

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 90.0% by SDS-PAGE

Recommend Usage: Biological Activity
SDS-PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: In 20mM Tris-HCl pH 8.0 (10%
glycerol)

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.

Entrez GeneID: 6387

Gene Symbol: CXCL12

Gene Alias: PBSF, SCYB12, SDF-1a, SDF-1b, SDF1,
SDF1A, SDF1B, TLSF-a, TLSF-b, TPAR1

Gene Summary: For background information on chemokines, see CXCL1 (MIM 155730). Stromal cell-derived factors 1-alpha and 1-beta are small cytokines that belong to the intercrine family, members of which activate leukocytes and are often induced by proinflammatory stimuli such as lipopolysaccharide, TNF (see MIM 191160), or IL1 (see MIM 147760). The intercrines are characterized by the presence of 4 conserved cysteines which form 2 disulfide bonds. They can be classified into 2 subfamilies. In the CC subfamily, which includes beta chemokine, the cysteine residues are adjacent to each other. In the CXC subfamily, which includes alpha chemokine, they are separated by an intervening amino acid. The SDF1 proteins belong to the latter group.[supplied by OMIM]