

Datasheet for ABIN1046747

CXCL5 Protein (AA 37-110, partial) (His tag)[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	100 µg
Target:	CXCL5
Protein Characteristics:	AA 37-110, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AGPAAVLRE LRCVCLQTTQ GVHPKMISNL QVFAIGPQCS KVEVVASLKN GKEICLDPEA PFLKKVIQKI LDGG
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	CXCL5
Alternative Name:	C-X-C motif chemokine 5 protein (CXCL5 Products)
Background:	Involved in neutrophil activation. In vitro, ENA-78(8-78) and ENA-78(9-78) show a threefold higher chemotactic activity for neutrophil granulocytes.

Target Details

Molecular Weight:	12 kD
UniProt:	P42830
Pathways:	Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

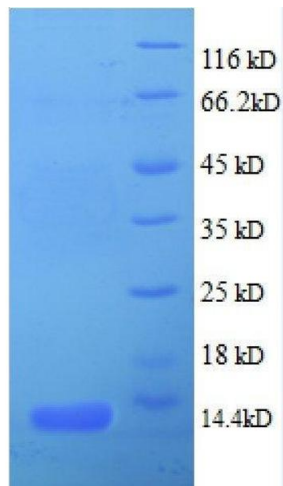
Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in:	Ota, Suzuki, Nishikawa, Otsuki, Sugiyama, Irie, Wakamatsu, Hayashi, Sato, Nagai, Kimura, Makita, Sekine, Obayashi, Nishi, Shibahara, Tanaka, Ishii, Yamamoto, Saito, Kawai, Isono, Nakamura, Nagahari et al.: "Complete sequencing and characterization of 21,243 full-length human cDNAs. ..." in: Nature genetics , Vol. 36, Issue 1, pp. 40-5, (2003) (PubMed).
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Bell, Fong, Stempien, Wormsted, Caput, Ku, Urdea, Rall, Sanchez-Pescador: "Human epidermal growth factor precursor: cDNA sequence, expression in vitro and gene organization." in: **Nucleic acids research**, Vol. 14, Issue 21, pp. 8427-46, (1987) ([PubMed](#)).



SDS-PAGE

Image 1. Chemokine (C-X-C Motif) Ligand 5 (CXCL5) (AA 37-110), (partial) protein (His tag)