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Datasheet for ABIN1046719

CXCL16 Protein (AA 27-198, partial) (His tag)

1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	CXCL16
Protein Characteristics:	AA 27-198, partial
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL16 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), ELISA

Product Details

Sequence:	NQGSVAGSCS CDRTISSGTQ IPQGTLDHIR KYLKAFHRCP FFIRFQLQSK SVCGGSQDQW VRELVDCFER KECGTGHGKS FHHQKHLPPA STQTPEAAEG TPSDTSTPAH SQSTQHSTLP SGALSLNKEH TQPWEMTTLP SGYGLLEARPE AEANEKQDD RQQEAPGAGA ST
Characteristics:	Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo. Also acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis. Ref.2
Purity:	90 %

Target Details

Target:	CXCL16
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Target Details

Alternative Name:	C-X-C motif chemokine 16 (CXCL16 Products)
Background:	Synonyms: Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein,SR-PSOX,Small-inducible cytokine B16,Transmembrane chemokine CXCL16
Molecular Weight:	22.8 kD
UniProt:	Q8BSU2

Application Details

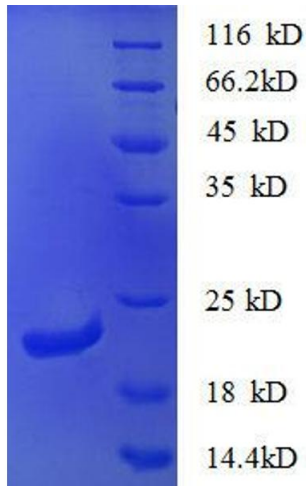
Comment:	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20mM Tris-Hcl, 0.5M NaCl, 10% glycerin, PH 8.0, 200 mM Imidazole
Storage:	-20 °C

Publications

Product cited in:	<p>Burkard, Planyavsky, Kaupe, Breitwieser, Bürckstümmer, Bennett, Superti-Furga, Colinge: "Initial characterization of the human central proteome." in: BMC systems biology, Vol. 5, pp. 17, (2011) (PubMed).</p> <p>Durand, Angeletti, Genti-Raimondi: "GTT1/StarD7, a novel phosphatidylcholine transfer protein-like highly expressed in gestational trophoblastic tumour: cloning and characterization." in: Placenta, Vol. 25, Issue 1, pp. 37-44, (2004) (PubMed).</p> <p>Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: Genome research, Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed).</p>
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SDS-PAGE

Image 1. Chemokine (C-X-C Motif) Ligand 16 (CXCL16) (AA 27-198), (partial) protein (His tag)