C-X-C Motif Chemokine 16 (CXCL16) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	C-X-C motif chemokine 16 (Cxcl16), Recombinant Protein
Full Product Name	Recombinant Mouse C-X-C motif chemokine 16 (Cxcl16), partial
Product Gene Name	Cxcl16 recombinant protein
Product Synonym Gene Name	Cxcl16
Sequence	NQGS VAGSCSCDRT ISSGTQIPQG TLDHIRKYLK AFHRCPFFIR FQLQSKSVCG GSQDQWVREL VDCFERKECG TGHGKSFHHQ KHLPQASTQT PEAAEGTPSD TSTPAHSQST QHSTLPSGAL SLNKEHTQPW EMTTLPSGYG LEARPEAEAN EKQQDDRQQE APGAGASTPA W
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	26,896 Da
Sequence Positions	27-201
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8BSU2
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Cxcl16 recombinant protein	MBS1398588 is a recombinant protein targeting Cxcl16. Also known as Recombinant Mouse C-X-C motif chemokine 16 (Cxcl16), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Cxcl16 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Cxcl16. It may not necessarily be applicable to this product.

NCBI GI #	83745124
NCBI GeneID	66102
NCBI Accession #	NP_075647.3
UniProt Primary Accession #	Q8BSU2
UniProt Secondary Accession #	Q3UD70; Q5F2D5; Q8VE25; Q9EPB3
UniProt Related Accession #	Q8BSU2

GenBank Nucleotide #	NM_023158.7
NCBI Official Full Name	C-X-C motif chemokine 16
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 16
NCBI Official Symbol	Cxcl16
NCBI Official Synonym Symbols	SR-PSOX; Zmynd15; AV290116; BB024863; CXCL16v1; CXCL16v2; b2b498Clo; 0910001K24Rik
UniProt Protein Name	C-X-C motif chemokine 16
UniProt Synonym Protein Names	Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; SR-PSOX; Small-inducible cytokine B16; Transmembrane chemokine CXCL16
Protein Family	C-X-C motif chemokine
UniProt Gene Name	Cxcl16
UniProt Synonym Gene Names	Srpsox; SR-PSOX
NCBI Protein Information	C-X-C motif chemokine 16
UniProt Comments for Cxcl16	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.
Research Articles on Cxcl16	**1.** CXCL16 plays a crucial role in the pathogenesis of cisplatin-induced acute kidney injury through regulation of apoptosis and inflammation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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