Versican Core Protein (VCAN), Partial (VCAN) Macaca Nemestrina Recombinant Protein

PRODUCT OVERVIEW

Product Name	Versican core protein (VCAN), partial, Recombinant Protein
Full Product Name	Recombinant Macaca nemestrina Versican core protein (VCAN), partial
Product Gene Name	VCAN recombinant protein
Product Synonym Gene Name	VCAN; CSPG2
Product Synonym Names	Versican core protein; Chondroitin sulfate proteoglycan core protein 2; Chondroitin sulfate proteoglycan 2; Large fibroblast proteoglycan
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	95,583 Da
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 Q28858
Species	Macaca nemestrina (Pig-tailed macaque)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VCAN recombinant protein	MBS1313820 is a recombinant protein targeting VCAN. Also known as Recombinant Macaca nemestrina Versican core protein (VCAN), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of VCAN 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 VCAN. It may not necessarily be applicable to this product.

NCBI GI #	30580855
NCBI Accession #	Q28858.1
UniProt Primary Accession #	Q28858
UniProt Secondary Accession #	Q28859; Q28860
NCBI Official Full Name	Versican core protein
UniProt Protein Name	Versican core protein
UniProt Synonym Protein Names	Chondroitin sulfate proteoglycan core protein 2; Chondroitin sulfate proteoglycan 2; Large fibroblast proteoglycan

Protein Family	Versican core protein
UniProt Gene Name	VCAN
UniProt Synonym Gene Names	CSPG2; Chondroitin sulfate proteoglycan 2
UniProt Entry Name	CSPG2_MACNE
UniProt Comments for VCAN	May play a role in intercellular signaling and in connecting cells with the extracellular matrix. May take part in the regulation of cell motility, growth and differentiation. Binds hyaluronan.
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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