Porin Omp2a (omp2a) Brucella Ovis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Porin omp2a (omp2a), Recombinant Protein
Full Product Name	Recombinant Brucella ovis Porin omp2a (omp2a)
Product Gene Name	omp2a recombinant protein
Product Synonym Gene Name	omp2a
Sequence	ADAIVAPEPE AVEYVRVCDA YGAGYFYIPG TETCLRISGY VRYDVKGGDD VYTGSDRKGW DKGARFALMF NTNSETELGT LGTYTQLRFN YTSNNSRHDG QYGDFSDDRD VADGSVSTGT DLQFAYITLG GFKVGIDESE FHTFTGYLGD IINDDVISAG SYRTGKIAYT FTGGNGFSAV IALEQGGEDV DNDYTIDGYM PHVVGGLKYA GGWGSIAGVV AYDSVIEEWA TKVRGDVNIT DRFSVWLQGA YSSAATPNQN YGQWGGDWAV WGGAKFIATE KATFNLQAAH DDWGKTAVTA NVAYQLVPGF TITPEVSYTK FGGE
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	37,070 Da
Sequence Positions	23-346, Full length protein
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 Q45331
Species	Brucella ovis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for omp2a recombinant protein	MBS1385853 is a recombinant protein targeting omp2a. Also known as Recombinant Brucella ovis Porin omp2a (omp2a). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of omp2a 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 omp2a. It may not necessarily be applicable to this product.

NCBI GI #	75346703
NCBI Accession #	Q45331.1
UniProt Primary Accession #	Q45331
UniProt Secondary Accession #	Q0GK37
NCBI Official Full Name	Porin Omp2a

UniProt Protein Name	Porin Omp2a
Protein Family	Porin
UniProt Gene Name	omp2a
UniProt Comments for omp2a	Forms passive diffusion pores that allow small molecular weight hydrophilic materials across the outer membrane.
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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