Antigenic Heat-Stable 120 Kda Protein (Sca4), Partial (sca4) Rickettsia Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Antigenic heat-stable 120 kDa protein (sca4), partial, Recombinant Protein
Full Product Name	Recombinant Rickettsia japonica Antigenic heat-stable 120 kDa protein (sca4), partial
Product Gene Name	sca4 recombinant protein
Product Synonym Gene Name	sca4; D; RJP_0510
Product Synonym Names	Antigenic heat-stable 120 kDa protein; 120 kDa antigen; Protein PS 120; PS120; rps120
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	111,148 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 Q9AJ79
Species	Rickettsia japonica (strain VR-1363 / YH)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sca4 recombinant protein	MBS1319474 is a recombinant protein targeting sca4. Also known as Recombinant Rickettsia japonica Antigenic heat-stable 120 kDa protein (sca4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sca4 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 sca4. It may not necessarily be applicable to this product.

NCBI GI #	350273549
NCBI GeneID	11232959
NCBI Accession #	YP_004884862.1
UniProt Primary Accession #	Q9AJ79
UniProt Secondary Accession #	O06654; G4KN65
GenBank Nucleotide #	NC_016050.1
NCBI Official Full Name	cell surface antigen

NCBI Official Symbol	sca4
UniProt Protein Name	Antigenic heat-stable 120 kDa protein
UniProt Synonym Protein Names	120 kDa antigen; Protein PS 120; PS120; rps120
Protein Family	Antigenic heat-stable 120 kDa protein
UniProt Gene Name	sca4
UniProt Synonym Gene Names	D; PS120; rps120
UniProt Entry Name	SCA4_RICJY
NCBI Protein Information	cell surface antigen
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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