Shadow of Prion Protein (sprn) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Shadow of prion protein (sprn), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis Shadow of prion protein (sprn)
Product Gene Name	sprn recombinant protein
Sequence	KGGRGGARGG ARGASRGASR VRLKTSSRYG SLRVASQAAA AGAAARAAAR LSENTWRNND HSGMDTQFGN STNEGMYSYR AWTS
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	15,246 Da
Sequence Positions	25-108, 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 A2BDG5
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sprn recombinant protein	MBS1252801 is a recombinant protein targeting sprn. Also known as Recombinant Xenopus tropicalis Shadow of prion protein (sprn). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sprn 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 sprn. It may not necessarily be applicable to this product.

NCBI GI #	171769539
NCBI Accession #	A2BDG5.1
UniProt Primary Accession #	A2BDG5
NCBI Official Full Name	Shadow of prion protein
UniProt Protein Name	Shadow of prion protein
Protein Family	Shadow of prion protein
UniProt Gene Name	sprn

UniProt Synonym Gene Names	Protein shadoo
UniProt Comments for sprn	Prion-like protein that has PrP(C)-like neuroprotective activity.
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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