Sprouty-Related, EVH1 Domain-Containing Protein 2 (spred2) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sprouty-related, EVH1 domain-containing protein 2 (spred2), Recombinant Protein
Full Product Name	Recombinant Danio rerio Sprouty-related, EVH1 domain-containing protein 2 (spred2)
Product Gene Name	spred2 recombinant protein
Product Synonym Gene Name	spred2
Sequence	MIEETHPNDD SYIVRVKAVV MTRDDSSGGW LAQEGGGLSR VGVCKVMPAE LTGRSDFLIH GERLKDKQVI LECFVRKDLI YTKATPTFHH WKVDNKKCGL TFQSPADARA FDRGVRKALE DLTEGSTTSS STLQNEAELG DDDVFTTATD SSSNSSQKKD HSTQLVATST FYEPHPHRCI LQYRPPERYT LDQKFSRNLF PFEDEEIVRI NPRERWMITG YEDYRYAAVP DKFIQPEDSD SYVQISKNDP VKHDYTYPYV PSPDFTQCDL KRPCGGGSTV VSTQPRAFIL KGKRRKEDGE RSRCVYCRDM FNHEENRRGQ CHDAPDPIRT CIHRVSFMWC ADSMLYHCMS DPEGDYSDPC SCDTSEERFC LRWTALLGLA MLAPCLCCYP PLHGCHRCGV ACGCCGGKHK AVG
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	46,830 Da
Sequence Positions	1-413, 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 Q6NYK3
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for spred2 recombinant protein	MBS1328010 is a recombinant protein targeting spred2. Also known as Recombinant Danio rerio Sprouty-related, EVH1 domain-containing protein 2 (spred2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of spred2 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 spred2. It may not necessarily be applicable to this product.

NCBI GI #	47086049
NCBI GeneID	793290
NCBI Accession #	NP_998399.1

UniProt Primary Accession #	Q6NYK3
UniProt Related Accession #	Q6NYK3
GenBank Nucleotide #	NM_213234.1
NCBI Official Full Name	sprouty-related, EVH1 domain-containing protein 2
NCBI Official Synonym Full Names	sprouty-related, EVH1 domain containing 2b
NCBI Official Symbol	spred2b
NCBI Official Synonym Symbols	spred2; zgc:77284; wu:fb93f08
UniProt Protein Name	Sprouty-related, EVH1 domain-containing protein 2
Protein Family	Sprouty-related, EVH1 domain-containing protein
UniProt Gene Name	spred2
UniProt Synonym Gene Names	Spred-2
NCBI Protein Information	sprouty-related, EVH1 domain-containing protein 2
UniProt Comments for spred2	Negatively regulates Ras signaling pathways and downstream activation of MAP kinases.
Research Articles on spred2	**1.** The present study demonstrates the possible role of Spred-2 signalling in cell proliferative phase during the neural repair in the injured zebrafish brain
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