Spindlin-2a (SPIN2A) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Spindlin-2A (SPIN2A), Recombinant Protein
Full Product Name	Recombinant Human Spindlin-2A (SPIN2A)
Product Gene Name	SPIN2A recombinant protein
Product Synonym Gene Name	SPIN2A
Sequence	MKTPNAQEAE GQQTRAAAGR ATGSANMTKK KVSQKKQRGR PSSQPRRNIV GCRISHGWKE GDEPITQWKG TVLDQVPINP SLYLVKYDGI DCVYGLELHR DERVLSLKIL SDRVASSHIS DANLANTIIG KAVEHMFEGE HGSKDEWRGM VLAQAPIMKA WFYITYEKDP VLYMYQLLDD YKEGDLRIMP ESSESPPTER EPGGVVDGLI GKHVEYTKED GSKRIGMVIH QVETKPSVYF IKFDDDFHIY VYDLVKKS
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	29,188 Da
Sequence Positions	1-258, 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.
OMIM	300621
3D Structure	ModBase 3D Structure for Q99865
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPIN2A recombinant protein	This gene encodes one of three members of the DXF34 gene family, located in a 100-kb region of chromosome Xp11.21.
Other Notes	Small volumes of SPIN2A 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.
Searchable Terms for SPIN2A purchase	MBS1343530 is a recombinant protein targeting SPIN2A. Also known as Recombinant Human Spindlin-2A (SPIN2A). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SPIN2A. It may not necessarily be applicable to this product.

NCBI GI #	117606320
NCBI GeneID	54466
NCBI Accession #	NP_061876.3

UniProt Primary Accession #	Q99865
UniProt Secondary Accession #	O75650; Q6IPW2; Q9UJJ0
UniProt Related Accession #	Q99865
GenBank Nucleotide #	NM_019003.3
NCBI Official Full Name	spindlin-2A
NCBI Official Synonym Full Names	spindlin family member 2A
NCBI Official Symbol	SPIN2A
NCBI Official Synonym Symbols	DXF34; SPIN2; TDRD25; dJ323P24.1
UniProt Protein Name	Spindlin-2A
UniProt Synonym Protein Names	Protein DXF34; Spindlin-like protein 2A; SPIN-2; SPIN-2A
Protein Family	Spindlin
UniProt Gene Name	SPIN2A
UniProt Synonym Gene Names	DXF34; SPIN2; SPIN-2; SPIN-2A
NCBI Protein Information	spindlin-2A
UniProt Comments for SPIN2A	May be involved in the regulation of cell cycle progression (). Exhibits H3K4me3-binding activity (PubMed:29061846).
Research Articles on SPIN2A	**1.** SPIN-2. SPIN-2 is a novel nuclear protein from HL-60 cells that functions to regulate cell cycle progression and this activity is related to the inhibition of apoptosis following the removal of essential growth factors
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