Spondin-1 (SPON1) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Spondin-1 (SPON1), Recombinant Protein
Full Product Name	Recombinant Chicken Spondin-1 (SPON1), partial
Product Gene Name	SPON1 recombinant protein
Product Synonym Gene Name	SPON1
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	90,510 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 Q9W770
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPON1 recombinant protein	MBS1331288 is a recombinant protein targeting SPON1. Also known as Recombinant Chicken Spondin-1 (SPON1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPON1 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 SPON1. It may not necessarily be applicable to this product.

NCBI GI #	45382337
NCBI GeneID	395657
NCBI Accession #	NP_990182.1
UniProt Primary Accession #	Q9W770
UniProt Related Accession #	Q9W770
GenBank Nucleotide #	NM_204851.1
NCBI Official Full Name	spondin-1
NCBI Official Synonym Full Names	spondin 1
NCBI Official Symbol	SPON1

NCBI Official Synonym Symbols	spondin-1
UniProt Protein Name	Spondin-1
UniProt Synonym Protein Names	F-spondin
Protein Family	Spondin
UniProt Gene Name	SPON1
NCBI Protein Information	spondin-1
UniProt Comments for SPON1	Cell adhesion protein that promotes the attachment of spinal cord and sensory neuron cells and the outgrowth of neurites in vitro. May contribute to the growth and guidance of axons in both the spinal cord and the PNS (). Somite-derived spondin 1 is an inhibitory signal involved in patterning the segmental migration of neural crest cells and their topographical segregation within the rostral somites in vitro. May be required to prevent the lateral drifting of the commissural axons after having crossed the floor plate.
Research Articles on SPON1	**1.** We report here that F-spondin is expressed in non-neuronal cells in the embryonic chicken ciliary ganglion (CG) and robustly promotes survival of cultured CG neurons
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