Ankyrin Repeat Domain-Containing Protein 42 (ANKRD42) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ankyrin repeat domain-containing protein 42 (ANKRD42), Recombinant Protein
Full Product Name	Recombinant Human Ankyrin repeat domain-containing protein 42 (ANKRD42)
Product Gene Name	ANKRD42 recombinant protein
Product Synonym Gene Name	ANKRD42
Sequence	MPGVANSGPS TSSRETANPC SRKKVHFGSI HDAVRAGDVK QLSEIVCLHW LLWHGADITH VTTRGWTASH IAAIRGQDAC VQALIMNGAN LTAQDDRGCT PLHLAATHGH SFTLQIMLRS GVDPSVTDKR EWRPVHYAAF HGRLGCLQLL VKWGCSIEDV DYNGNLPVHL AAMEGHLHCF KFLVSRMSSA TQVLKAFNDN GENVLDLAQR FFKQNILQFI QGAEYEGKDL EDQETLAFPG HVAAFKGDLG MLKKLVEDGV ININERADNG STPMHKAAGQ GHIECLQWLI KMGADSNITN KAGERPSDVA KRFAHLAAVK LLEELQKYDI DDENEIDEND VKYFIRHGVE GSTDAKDDLC LSDLDKTDAR RPSKNCRASW SMNDYVEKN
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	21,574 Da
Sequence Positions	1-389, 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 Q8N9B4
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ANKRD42 recombinant protein	MBS1331680 is a recombinant protein targeting ANKRD42. Also known as Recombinant Human Ankyrin repeat domain-containing protein 42 (ANKRD42). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ANKRD42 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 ANKRD42. It may not necessarily be applicable to this product.

NCBI GI #	665821224
NCBI GeneID	338699
NCBI Accession #	NP_001287901.1
UniProt Primary Accession #	Q8N9B4

UniProt Secondary Accession #	Q49A49
UniProt Related Accession #	Q8N9B4
GenBank Nucleotide #	NM_001300972.1
NCBI Official Full Name	ankyrin repeat domain-containing protein 42 isoform 3
NCBI Official Synonym Full Names	ankyrin repeat domain 42
NCBI Official Symbol	ANKRD42
NCBI Official Synonym Symbols	SARP; PPP1R79
UniProt Protein Name	Ankyrin repeat domain-containing protein 42
Protein Family	Ankyrin repeat domain-containing protein
UniProt Gene Name	ANKRD42
NCBI Protein Information	ankyrin repeat domain-containing protein 42
Research Articles on ANKRD42	**1.** the cloning and characterization of a new protein, termed SARP (several ankyrin repeat protein), which is shown to interact with all isoforms of PP1 by a variety of techniques.
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