Uncharacterized Protein C12orf32 Homolog (RHNO1) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein C12orf32 homolog (RHNO1), Recombinant Protein
Full Product Name	Recombinant Bovine Uncharacterized protein C12orf32 homolog
Product Gene Name	RHNO1 recombinant protein
Sequence	MPPRKKRRQA AQKPQLLFHQ QPLEAPKHRC RFPQLPVVTH TRQVPSKPVD HNTITSWVSP QFDTTAESWF PGKRKHHHRD HARRSSRKST SSRFPCLTFE TPQSSASSAT PGILASRDGP SQPEKDISGR PLVPMLSPQS CRELSAHTFP DFPCVFIPPD IQTPESPGQG EPIPSELREN SLPSCSLHTS TPKSPEPGPV LVTDTPEEKY GIKVTWRRRR HLFAYLRERG KLSRSQFLVK D
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	27,324 Da
Sequence Positions	1-241, 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 Q1LZE2
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RHNO1 recombinant protein	MBS1428945 is a recombinant protein targeting RHNO1. Also known as Recombinant Bovine Uncharacterized protein C12orf32 homolog. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RHNO1 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 RHNO1. It may not necessarily be applicable to this product.

NCBI GI #	115497312
NCBI GeneID	513642
NCBI Accession #	NP_001069099.1
UniProt Primary Accession #	Q1LZE2
UniProt Related Accession #	Q1LZE2
GenBank Nucleotide #	NM_001075631.1

NCBI Official Full Name	RAD9, HUS1, RAD1-interacting nuclear orphan protein 1
NCBI Official Synonym Full Names	RAD9-HUS1-RAD1 interacting nuclear orphan 1
NCBI Official Symbol	RHNO1
NCBI Official Synonym Symbols	C12orf32; C5H12orf32
UniProt Protein Name	RAD9, HUS1, RAD1-interacting nuclear orphan protein 1
Protein Family	RAD9, HUS1, RAD1-interacting nuclear orphan protein
UniProt Gene Name	RHNO1
NCBI Protein Information	RAD9, HUS1, RAD1-interacting nuclear orphan protein 1
UniProt Comments for RHNO1	Plays a role in DNA damage response (DDR) signaling upon genotoxic stresses such as ionizing radiation (IR) during the S phase. Recruited to sites of DNA damage through interaction with the 9-1-1 cell-cycle checkpoint response complex and TOPBP1 in a ATR-dependent manner. Required for the progression of the G1 to S phase transition. Plays a role in the stimulation of CHEK1 phosphorylation ().
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