Oligoribonuclease (orn) Bifidobacterium Longum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Oligoribonuclease (orn), Recombinant Protein
Full Product Name	Recombinant Bifidobacterium longum Oligoribonuclease (orn)
Product Gene Name	orn recombinant protein
Product Synonym Gene Name	orn
Sequence	MVDSHDAETY SAKDSRLIWI DCEMTGLDIF GGDELVEVSV VPTDFDLNVL DEGVDYVIKP SEKAVNHMND FVRQMHTRSG LINEWENGLS LAEAEQKVTE YVLRFTPEGV RPLLAGNTIG SDKKFLDHYM PNLMSHLHYR SVDVSTFKEL ARRWYPAVYE NRPPKNGGHR ALADIIESLD ELRYYRKAFM APAPGPDDAA SKAIAADIVA TSILNK
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	24,303 Da
Sequence Positions	1-216, 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 Q8G3N5
Species	Bifidobacterium longum (strain NCC 2705)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for orn recombinant protein	MBS1356027 is a recombinant protein targeting orn. Also known as Recombinant Bifidobacterium longum Oligoribonuclease (orn). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of orn 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 orn. It may not necessarily be applicable to this product.

NCBI GI #	23466268
NCBI GeneID	1021977
NCBI Accession #	NP_696871.1
UniProt Primary Accession #	Q8G3N5
UniProt Related Accession #	Q8G3N5

GenBank Nucleotide #	NC_004307.2
NCBI Official Full Name	oligoribonuclease
NCBI Official Symbol	orn
UniProt Protein Name	Oligoribonuclease
Protein Family	Oligoribonuclease
UniProt Gene Name	orn
NCBI Protein Information	orn
UniProt Comments for orn	3'-to-5' exoribonuclease specific for small oligoribonucleotides.
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