Putative Nuclease HARBI1 (HARBI1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative nuclease HARBI1 (HARBI1), Recombinant Protein
Full Product Name	Recombinant Human Putative nuclease HARBI1 (HARBI1)
Product Gene Name	HARBI1 recombinant protein
Product Synonym Gene Name	HARBI1
Sequence	MAIPITVLDC DLLLYGRGHR TLDRFKLDDV TDEYLMSMYG FPRQFIYYLV ELLGANLSRP TQRSRAISPE TQVLAALGFY TSGSFQTRMG DAIGISQASM SRCVANVTEA LVERASQFIR FPADEASIQA LKDEFYGLAG MPGVMGVVDC IHVAIKAPNA EDLSYVNRKG LHSLNCLMVC DIRGTLMTVE TNWPGSLQDC AVLQQSSLSS QFEAGMHKDS WLLGDSSFFL RTWLMTPLHI PETPAEYRYN MAHSATHSVI EKTFRTLCSR FRCLDGSKGA LQYSPEKSSH IILACCVLHN ISLEHGMDVW SSPMTGPMEQ PPEEEYEHME SLDLEADRIR QELMLTHFS
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	39,146 Da
Sequence Positions	1-349, 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	615086
3D Structure	ModBase 3D Structure for Q96MB7
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HARBI1 recombinant protein	MBS1352796 is a recombinant protein targeting HARBI1. Also known as Recombinant Human Putative nuclease HARBI1 (HARBI1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HARBI1 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 HARBI1. It may not necessarily be applicable to this product.

NCBI GI #	27883880
NCBI GeneID	283254
NCBI Accession #	NP_776172.1
UniProt Primary Accession #	Q96MB7

UniProt Secondary Accession #	D3DQP9
UniProt Related Accession #	Q96MB7
GenBank Nucleotide #	NM_173811.3
NCBI Official Full Name	putative nuclease HARBI1
NCBI Official Synonym Full Names	harbinger transposase derived 1
NCBI Official Symbol	HARBI1
NCBI Official Synonym Symbols	C11orf77
UniProt Protein Name	Putative nuclease HARBI1
UniProt Synonym Protein Names	Harbinger transposase-derived nuclease
Protein Family	Putative nuclease
UniProt Gene Name	HARBI1
UniProt Synonym Gene Names	C11orf77
NCBI Protein Information	putative nuclease HARBI1
UniProt Comments for HARBI1	Transposase-derived protein that may have nuclease activity (Potential). Does not have transposase activity.
Research Articles on HARBI1	**1.** The functions of two transposon-derived human proteins: HARBI1, a domesticated transposase-derived protein, and NAIF1, which contains a trihelix motif similar to that described in the Myb-like protein, was investigated.
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