Endonuclease/Exonuclease/Phosphatase Family Domain-Containing Protein 1 (EEPD1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endonuclease/exonuclease/phosphatase family domain-containing protein 1 (EEPD1), Recombinant Protein
Full Product Name	Recombinant Human Endonuclease/exonuclease/phosphatase family domain-containing protein 1 (EEPD1)
Product Gene Name	EEPD1 recombinant protein
Product Synonym Gene Name	EEPD1
Sequence	GSTLGCHRSI PRDPSDLSHS RKFSAACNFS NILVNQERLN INTATEEELM TLPGVTRAVA RSIVEYREYI GGFKKVEDLA LVSGVGATKL EQVKFEICVS SKGSSAQHSP SSLRRDLLAE QQPHHLATAV PLTPRVNINT ATPAQLMSVR GLSEKMALSI VDFRREHGPF RSVEDLVRMD GINAAFLDRI RHQVFAERSR PPSTHTNGGL TFTAKPHPSP TSLSLQSEDL DLPPGGPTQI ISTRPSVEAF GGTRDGRPVL RLATWNLQGC SVEKANNPGV REVVCMTLLE NSIKLLAVQE LLDREALEKF CTELNQPTLP NIRKWKGPRG CWKAVVAEKP SSQLQKGAGY AGFLWDAAAG MELRDAGSQE SSPSNGHGKL AGPSPYLGRF KVGSHDLTLV NLHLAALTLL GSENPSKNHS DGHRLASFAQ TLQETLKGEK DVIILGDFGQ GPDSNDYDIL RKEKFHHLIP AHTFTNISTK NPQGSKSLDN IWISKSLKKV FTGHWAVVRE GLTNPWIPDN WSWGGVASEH CPVLAEFYTE KDWSKKDAPR NGSGVALERS EANIKHER
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	62,403 Da
Sequence Positions	2-569, 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 Q7L9B9
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EEPD1 recombinant protein	MBS1307235 is a recombinant protein targeting EEPD1. Also known as Recombinant Human Endonuclease/exonuclease/phosphatase family domain-containing protein 1 (EEPD1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of EEPD1 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 EEPD1. It may not necessarily be applicable to this product.

NCBI GI #	71043966

NCBI GeneID	80820
NCBI Accession #	NP_085139.2
UniProt Primary Accession #	Q7L9B9
UniProt Secondary Accession #	Q96K64; Q9C0F7
UniProt Related Accession #	Q7L9B9
GenBank Nucleotide #	NM_030636.2
NCBI Official Full Name	endonuclease/exonuclease/phosphatase family domain-containing protein 1
NCBI Official Synonym Full Names	endonuclease/exonuclease/phosphatase family domain containing 1
NCBI Official Symbol	EEPD1
NCBI Official Synonym Symbols	HSPC107
UniProt Protein Name	Endonuclease/exonuclease/phosphatase family domain-containing protein 1
Protein Family	Endonuclease/exonuclease/phosphatase family domain-containing protein
UniProt Gene Name	EEPD1
UniProt Synonym Gene Names	KIAA1706
NCBI Protein Information	endonuclease/exonuclease/phosphatase family domain-containing protein 1
Research Articles on EEPD1	**1.** EEPD1 performs a gatekeeper function for replication fork repair by mediating the fork cleavage that permits initiation of HR-mediated repair and restart of stressed forks
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