RPA-Interacting Protein (RPAIN) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	RPA-interacting protein (Rpain), Recombinant Protein
Full Product Name	Recombinant Mouse RPA-interacting protein (Rpain)
Product Gene Name	Rpain recombinant protein
Product Synonym Gene Name	Rpain
Sequence	MAESSGSPHR LLYKQVGSPH WKETFRQGCL ERMRNSRHRL LNKYRQAAGS TPGTASDRLL VQEVMEEEWA SLQSVENCPE ALLQLELPLD LAVLQDIEQE LCNEEKSIIS EYEEDLEFDE SCLRRMLAEW EANSLICPVC IKYNLRIMNS VVTCPCGLHI PVHSTDLTEQ KLRACLEENV NEHSVHCPHT PVFSVTGGTE EKPSLLMNCL TCDTWAVIL
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	24,897 Da
Sequence Positions	1-219, 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 Q9CWY9
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Rpain recombinant protein	MBS1386384 is a recombinant protein targeting Rpain. Also known as Recombinant Mouse RPA-interacting protein (Rpain). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Rpain 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 Rpain. It may not necessarily be applicable to this product.

NCBI GI #	356991226
NCBI GeneID	69723
NCBI Accession #	NP_001239342.1
UniProt Primary Accession #	Q9CWY9
UniProt Related Accession #	Q9CWY9

GenBank Nucleotide #	NM_001252413.1
NCBI Official Full Name	RPA-interacting protein isoform 3
NCBI Official Synonym Full Names	RPA interacting protein
NCBI Official Symbol	Rpain
NCBI Official Synonym Symbols	Rip; 2400006N03Rik
UniProt Protein Name	RPA-interacting protein
Protein Family	RPA-interacting protein
UniProt Gene Name	Rpain
UniProt Synonym Gene Names	Rip
NCBI Protein Information	RPA-interacting protein
UniProt Comments for Rpain	Mediates the import of RPA complex into the nucleus, possibly via some interaction with importin beta. Sumoylation mediates the localization of RPA complex into the PML body of the nucleus, thereby participating in RPA function in DNA metabolism ().
Research Articles on Rpain	**1.** The alternative splicing of RIPalpha in the Drosophila, Xenopus, and mouse system, was examined.
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