DNA-Directed RNA Polymerase I Subunit RPA12 (ZNRD1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA-directed RNA polymerase I subunit RPA12 (Znrd1), Recombinant Protein
Full Product Name	Recombinant Mouse DNA-directed RNA polymerase I subunit RPA12 (Znrd1)
Product Gene Name	Znrd1 recombinant protein
Product Synonym Gene Name	Znrd1
Sequence	MELARPRSNF QSDLDFCPDC GSVLPLPGIQ DTVICSRCGF SIDVRDCEGK VVKTSVVFNK LGATIPLSVD EGPELQGPVI DRRCPRCGHE GMAYHTRQMR SADEGQTVFY TCINCKFQEK EDS
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	13,650 Da
Sequence Positions	1-123, 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 Q791N7
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Znrd1 recombinant protein	This gene encodes a protein with similarity to the Saccharomyces cerevisiae Rpa12p subunit of RNA polymerase I. Alternate splicing of this gene results in two transcript variants encoding the same protein. Additional splice variants have been described, but their full-length sequences have not been determined.
Other Notes	Small volumes of Znrd1 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.
Searchable Terms for Znrd1 purchase	MBS1484956 is a recombinant protein targeting Znrd1. Also known as Recombinant Mouse DNA-directed RNA polymerase I subunit RPA12 (Znrd1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Znrd1. It may not necessarily be applicable to this product.

NCBI GI #	12963545
NCBI GeneID	66136
NCBI Accession #	NP_075651.1
UniProt Primary Accession #	Q791N7

UniProt Related Accession #	Q791N7
GenBank Nucleotide #	NM_023162.4
NCBI Official Full Name	DNA-directed RNA polymerase I subunit RPA12
NCBI Official Synonym Full Names	zinc ribbon domain containing, 1
NCBI Official Symbol	Znrd1
NCBI Official Synonym Symbols	Rpa12; 1110014N07Rik
UniProt Protein Name	DNA-directed RNA polymerase I subunit RPA12
UniProt Synonym Protein Names	Zinc ribbon domain-containing protein 1
UniProt Gene Name	Znrd1
UniProt Synonym Gene Names	Rpa12
NCBI Protein Information	DNA-directed RNA polymerase I subunit RPA12
UniProt Comments for Znrd1	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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