Gypsy Retrotransposon Integrase-Like Protein 1 (GIN1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Gypsy retrotransposon integrase-like protein 1 (GIN1), Recombinant Protein
Full Product Name	Recombinant Rat Gypsy retrotransposon integrase-like protein 1 (GIN1)
Product Gene Name	GIN1 recombinant protein
Product Synonym Gene Name	GIN1
Sequence	MVRSGKNGDL HLKQIAYYKR TGEYHPTTLS SERSGIRRAA KKFVFKEKKL FYVGKDRKQN RLVVVSEEEK KKVLRECHEN GPGVHHGISR TLTLVESSYY WTSVTNDVKQ WVYACQHCQV AKSTVIVAPQ QHLSVVGNPW SVVTVDLMGP FHTSSRSHVY AMIMTDLFTK WVMILPLCDV SASEISKAII NIFFLYGPPQ KIIMDQRDEF IDQINVELYR LFGAKEIVIS QASGSVNPSE STPSTVKTFL SKHCAEHPET WDEELPALSF AFNVTRVEPT KNSPYFQMFN RNPCLLECPH EGGGEGTSVF ARIVAAVREA DGVVENQTPA AGQMESSTSE ELSKSKVAKK KPKQLNPFHL KVGHEVLRQR KNWWKDGRFQ SEWVGPCVID YITDSGCAVL RDNTGTRLKR PIKMSHLRPY VREPSEQDSL YLLQGSIVAD HDYIGLPEIP VGTYQANILV EDATIGIVDN ELLISSKDHE LLEYRNSKIS ALVEDHSSLE KQTFSLLDSS NQVLEYLS
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	58,538 Da
Sequence Positions	1-518, 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 Q66H30
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GIN1 recombinant protein	MBS1350936 is a recombinant protein targeting GIN1. Also known as Recombinant Rat Gypsy retrotransposon integrase-like protein 1 (GIN1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GIN1 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 GIN1. It may not necessarily be applicable to this product.

NCBI GI #	68163463
NCBI GeneID	316687
NCBI Accession #	NP_001020183.1

UniProt Primary Accession #	Q66H30
UniProt Related Accession #	Q66H30
GenBank Nucleotide #	NM_001025012.1
NCBI Official Full Name	gypsy retrotransposon integrase-like protein 1
NCBI Official Synonym Full Names	gypsy retrotransposon integrase 1
NCBI Official Symbol	Gin1
NCBI Official Synonym Symbols	RGD1307449
UniProt Protein Name	Gypsy retrotransposon integrase-like protein 1
Protein Family	Gypsy retrotransposon integrase-like protein
UniProt Gene Name	GIN1
UniProt Synonym Gene Names	GIN-1
NCBI Protein Information	gypsy retrotransposon integrase-like protein 1
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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