DEAD-Box ATP-Dependent RNA Helicase 57 (RH57) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	DEAD-box ATP-dependent RNA helicase 57 (RH57), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana DEAD-box ATP-dependent RNA helicase 57 (RH57) , partial
Product Gene Name	RH57 recombinant protein
Product Synonym Gene Name	RH57
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	60,916 Da
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 Q84TG1
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RH57 recombinant protein	MBS1423411 is a recombinant protein targeting RH57. Also known as Recombinant Arabidopsis thaliana DEAD-box ATP-dependent RNA helicase 57 (RH57) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RH57 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 RH57. It may not necessarily be applicable to this product.

NCBI GI #	1063710480
NCBI GeneID	820129
NCBI Accession #	NP_001326599.1
UniProt Primary Accession #	Q84TG1
UniProt Secondary Accession #	Q0WU58; Q9SF31
UniProt Related Accession #	Q84TG1
GenBank Nucleotide #	NM_001337839.1
NCBI Official Full Name	P-loop containing nucleoside triphosphate hydrolases superfamily protein

NCBI Official Symbol	AT3G09720
NCBI Official Synonym Symbols	AtRH57; RH57; RNA helicase 57
UniProt Protein Name	DEAD-box ATP-dependent RNA helicase 57
UniProt Gene Name	RH57
NCBI Protein Information	P-loop containing nucleoside triphosphate hydrolases superfamily protein
Research Articles on RH57	**1.** AtRH57 plays an important role in rRNA biogenesis in Arabidopsis and participates in response to sugar involving glucose (Glc)-and abscisic acid (ABA) signaling during germination and seedling growth.
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