

DEAD-box ATP-dependent RNA helicase 58, chloroplastic (RH58), Recombinant Protein

Cat *RP02057*

Size 0.02 mg (*E-Coli*)/ 0.02 mg (*Yeast*)/ 0.1 mg (*E-Coli*)/ 0.1 mg
(*Yeast*)/ 0.02 mg (*Baculovirus*)/ 0.02 mg (*Mammalian-Cell*)/ 0.1

mg (*Baculovirus*)/ 1 mg (*E-Coli*)/ 1 mg (*Yeast*)/ 0.1 mg
(*Mammalian-Cell*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)
Species *Arabidopsis thaliana* (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* DEAD-box ATP-dependent RNA helicase 58, chloroplastic (RH58)

Product Gene Name

RH58 recombinant protein

Product Synonym Gene Name

RH58

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

AETSSEIESN SVTETTVPLT LRQICQGFVP EHILHRMEEI GFVFPTDIQR EALPTLFTGR DCILHAQTGS
GKTLTYLLLI FSLINQQRSS VQAVIVVPTR ELGMQVTKVA RMLAAKSEID VKGCTVMALL DGGTLRRHKS
WLKAEPPAIL VATVASLCHM LEKHIFRIDS VRVLVVDEVD FLFYSSKQVG SVRKLLTSFS SCDKRQTVFA
SASIPQHKHF VHDCIQKWT KRQVHVHVS AIMPMLCLL HRFVMCEKN KHQVLLALLE SDAPESAIIF
VGEQSESKK AGNDPSTLL MEFLKTSYKG SLEILLLEGD MNFNSRAASL TEIRQGGGFL LVSTDIAARG
IDLPETTHIF NFDLPQTVTD YLHRAGRAGR KPFSDRKCI ANLITSEERF VLQRYENELM FSCEEMML

Sequence Positions

55-472, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or *Yeast* or *Baculovirus* or *Mammalian Cell*

Molecular Weight

35,457 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

DEAD-box ATP-dependent RNA helicase

NCBI Accession

NP_001330950.1

NCBI GI

1063732762

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GenBank Nucleotide

NM_001343593.1

NCBI GeneID

832041

NCBI Official Full Name

P-loop containing nucleoside triphosphate hydrolases superfamily protein

NCBI Official Symbol

AT5G19210

NCBI Official Synonym Symbols

T24G5.110; T24G5_110

NCBI Protein Information

P-loop containing nucleoside triphosphate hydrolases superfamily protein

UniProt Gene Name

RH58

UniProt Protein Name

DEAD-box ATP-dependent RNA helicase 58, chloroplastic

UniProt Primary Accession

Q3E9C3

UniProt Secondary Accession

Q84W18

UniProt Related Accession

Q3E9C3

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