

DEAD-box ATP-dependent RNA helicase 5 (RH5), Recombinant Protein

Cat RP00345

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana DEAD-box ATP-dependent RNA helicase 5 (RH5) , partial

Product Gene Name

RH5 recombinant protein

Product Synonym Gene Name

RH5

Purity

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

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

59,604 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_174479.1

NCBI GI

15222526

NCBI GenBank Nucleotide

NM_102933.3

NCBI GeneID

840087

NCBI Official Full Name

DEA(D/H)-box RNA helicase family protein

NCBI Official Symbol

STRS1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols

F5M6.3; STRESS RESPONSE SUPPRESSOR 1

NCBI Protein Information

DEA(D/H)-box RNA helicase family protein

UniProt Gene Name

RH5

UniProt Protein Name

DEAD-box ATP-dependent RNA helicase 5

UniProt Primary Accession

Q9C551

UniProt Secondary Accession

Q9ZS13

UniProt Related Accession

Q9C551

UniProt Comments

ATP-dependent RNA helicase required for 60S ribosomal subunit synthesis. Involved in efficient pre-rRNA processing, predominantly at site A3, which is necessary for the normal formation of 25S and 5.8S rRNAs .

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