

Double-stranded RNA-binding protein 5 (DRB5), Recombinant Protein

Cat *RP02842*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Double-stranded RNA-binding protein 5

Product Synonym Names

dsRNA-binding protein 5; AtDRB5

Product Gene Name

DRB5 recombinant protein

Purity

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

Sequence

MYKNQLQELA QRSCFNLPSTY TCIREGPDHA PRFKASVNFN GEIFESPTYC STLRQAEHAA AEVSLNVLSS
RVPSKSLTAK ILDETGIYKN LLQETAHRAG LDLPMTSVR SGSCHFPGFS CTVELAGMTF TGESAKTKKQ
AEKNAAIAAW SSLKKMSSLD SQDEEKEQEA VARVLSRFKP KEVRRRETTN QWRRRTSQD SNKDLLIERL
RWINLLTNQA SSSSTSTPN QHKNSSFISL IPPPPPKSS KILPFIQQYK DRSSQEAKTE TATEMINSKA
KVNSTRLS KQMPFSDMNR YNFVGGCSVN PYSLAPAVQM RSVIPVFAAP PPKPNPNLNP SSLSSSVNEF
TSSNNSCSVL NTPGLGGQEK KNLTREMIKL GSESRILDQT HDS

Sequence Positions

1-393

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

45.64KD

Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C.

Protein Family

Double-stranded RNA-binding protein

NCBI Accession

NP_198923.2

NCBI GI

30693732

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Double-stranded RNA-binding protein 5 (DRB5), Recombinant Protein

Cat *RP02842*

NM_123472.2

NCBI GeneID

834109

NCBI Official Full Name

dsRNA-binding protein 5

NCBI Official Symbol

DRB5

NCBI Official Synonym Symbols

dsRNA-binding protein 5; MEE6.14; MEE6_14

NCBI Protein Information

dsRNA-binding protein 5

UniProt Gene Name

DRB5

UniProt Synonym Gene Names

AtDRB5

UniProt Protein Name

Double-stranded RNA-binding protein 5

UniProt Synonym Protein Names

dsRNA-binding protein 5; AtDRB5

UniProt Entry Name

DRB5_ARATH

UniProt Primary Accession

Q8GY79

UniProt Secondary Accession

Q9FLM2

UniProt Related Accession

Q8GY79

UniProt Comments

Binds double-stranded RNA. May be involved in RNA-mediated silencing.

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