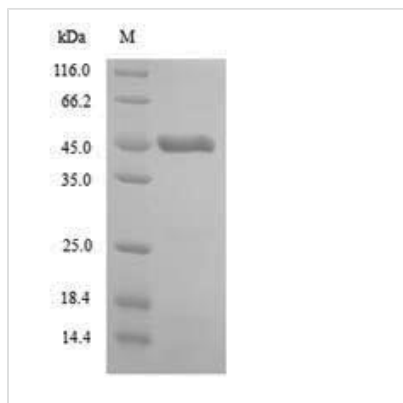




Recombinant Arabidopsis thaliana Double-stranded RNA-binding protein 5 (DRB5)

Product Code	CSB-YP815439DOA
Relevance	Binds double-stranded RNA. May be involved in RNA-mediated silencing.
Abbreviation	Recombinant Mouse-ear cress DRB5 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8GY79
Alias	dsRNA-binding protein 5 Short name: AtDRB5
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MYKNQLQELAQRSCFNLPSTCIREGPDHAPRFKASVNFNGEIFESPTYCSTL RQAEHAAAEVSLNLVSSRVPSKSLTAKILDETGIYKNLLQETAHRAGLDLPMYT SVRSGSCHFPFGFCTVELAGMTFTGESAKTKKQAEKNAAIAAWSSLKKMSSL DSQDEEKEQEAVARVLSRFKPKEVRRRETNTQWRRRTSQQDSNKDLLIERLR WINLLTNQASSSSSTSTPNQHKNSSFISLIPPPPPKSSKILPFIQYKDRSSQE AKTETATEMINSKAKVNETSTRLSKQMPFSDMNRYNFVGGCSVNPYSLAPAV QMRVIPVFAAPPPKPNPNLNPSSLSSSVNEFTSSNNSCSVLNTPGLGGQEKK NLTREMIKLGSESRILDQTHDS
Research Area	Immunology
Source	Yeast
Target Names	DRB5
Protein Names	Recommended name: Double-stranded RNA-binding protein 5 Alternative name(s): dsRNA-binding protein 5 Short name= AtDRB5
Expression Region	1-393aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	45.6kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.