

Datasheet for ABIN1644075  
**DBR1 Protein (AA 1-500) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DBR1
Protein Characteristics:	AA 1-500
Origin:	C. elegans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DBR1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MSSKNPVDEQ PCCGSHEGSH QDPAPETLVV EKEVNNGEKK IRIAVVGCSH GEMDAIYETM TLIEQKNGYK FDLICCGDY QAVRNYGDLP HMSIPPKYRS LQTFYKYYSG EQKAPVLTLF IGGNHEASGY LCELPNGGWV APNIYYMGFA NCIRFANLRI AGLSGIFSQG DFQFSHYERP SFSERDVKSA YHVRNVDMFR LRQLKSDNEN KISNPIDIML SHDWPGGIPD FGDKEWLFRK KDLFEADHNS GKLGNPSSGMK LIYDCRPRYY LAAHLHIAFA ALVPHKGS GS GRPQPTRFLS LDKPIGRKF MQALELNVD DAKLELSYDP QWLAILRNTD LLTTGTKEQL ILPDMASNRP CVYERKDFRP TAEELKEIEK LGDLTIRTDS FQQTAPPLKE ITESSKNVPP SAYYRNPQSA EFCQWLGIRD LNQMLVEKTS EHVGTPTYMM TQDDANAKPN QDDVDFGDED FVIDRGHTSD EPEAKKSRLD EDKFEAVPSE
Specificity:	Caenorhabditis elegans
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: DBR1

Alternative Name: Lariat debranching enzyme (dbr-1) ([DBR1 Products](#))

Background: Recommended name: Lariat debranching enzyme.  
EC= 3.1.-.-.  
Alternative name(s): Ce-dbr1

UniProt: [Q966M6](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

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