

## Product datasheet for TP300024

### DBR1 (NM\_016216) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human debranching enzyme homolog 1 ( <i>S. cerevisiae</i> ) (DBR1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200024 protein sequence Red=Cloning site Green=Tags(s)

MRVAVAGCCHGELDKIYETLALAERRGPGPVDLLCCGDFQAVRNEADLRCAVPPKYRHMQTFYRYSG  
EKKAPVLTFLFIGGNHEASNHLQELPYGGWVAPNIYYLGLAGWVKYRGVRIGGISGIFKSHDYRKGHFCEP  
PYNSSSTIRSIYHVRNIEVYKQKQKQPIDIFLSHDWPRSIYHYGNKKQLLTKTSFFRQEVENNTLGSPAA  
SELLEHLKPTYWFS AHLHVKFAALMQHQAKDKGQTARATKFLALDKCLPHRDFLQILEIHDPSAPDYLE  
YDIEWLTLRATDDLINVTGRLWNMPENGLHARWDYSATEEGMKEVLEKLNHDLKVPNFSVTAACYDP  
SKPQTQMQLIHRINPQTTEFCAQLGIIDINVRLQKSKEEHHVCGEYEEQDDVESNDSGEDQSEYNTD TSA  
LSSINPDEIMLDEEDED SIVSAHSGMNTPSVEPSDQASEFSASFSDVRILPGSMIVSSDDTVDSTIDRE  
GKPGGTVESNGEDLTKVPLKRLSDEHEPEQRKKIKRRNQAIYAAVDDDDDDAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	61.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_057300](#)

Locus ID: 51163

UniProt ID: [Q9UK59](#)

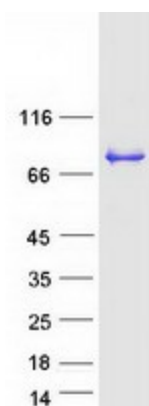
RefSeq Size: 2690

Cytogenetics: 3q22.3

RefSeq ORF: 1632

**Summary:** The protein encoded by this gene is an RNA lariat debranching enzyme that hydrolyzes 2'-5' prime branched phosphodiester bonds. The encoded protein specifically targets the bonds at the branch point of excised lariat intron RNA, converting them to linear molecules that are then degraded. This protein may also be involved in retroviral replication. [provided by RefSeq, Nov 2011]

### Product images:



Coomassie blue staining of purified DBR1 protein (Cat# TP300024). The protein was produced from HEK293T cells transfected with DBR1 cDNA clone (Cat# [RC200024]) using MegaTran 2.0 (Cat# [TT210002]).