

Product datasheet for PH300024

DBR1 (NM_016216) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DBR1 MS Standard C13 and N15-labeled recombinant protein (NP_057300)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200024
Predicted MW:	61.6 kDa
Protein Sequence:	>RC200024 protein sequence Red=Cloning site Green=Tags(s)

MRVAVAGCCHGELDKIYETLALAERRGPGPVDLLLCGGDFQAVRNEADLRCMAVPPKYRHMQTIFYRYSSG
EKKAPVLTIFIGGNHEASNHLQELPYGGWVAPNIYYLGLAGVVKYRGVRIIGGISGIFKSHDYRKGHFECF
PYNSSIRSIYHVRNIEVYKQKQKQPIIDIFLSDWPRSIIHYGNKKQLLTKSFFRQEVENNTLGPAA
SELLEHLKPTYWFSAPHLVYKFAALMQHQAKDKGQTARATKFLALDKCLPHRDFLQILEIEHDPSAPDYLE
YDIEWLTILRATDDLINVTGRLWNMPENGLHARWDYSATEEGMKEVLEKLNHDLKVPFCNFSVTAACYDP
SKPQTQMLIHRINPQTTEFCAQLGIIDINVRLQKSKEEHHVCGEYEEQDDVESNDSGEDQSEYNTD TSA
LSSINPDEIMLDEEDEDSDIVSAHSGMNTPSVEPSDQASEFSASFSDVRILPGSMIVSSDDTV DSTIDRE
GKPGGTVESGNGEDLTKVPLKRLSDEHEPEQRKKIKRRNQAIYAAVDDDDDDAA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_057300
RefSeq Size:	2690
RefSeq ORF:	1632



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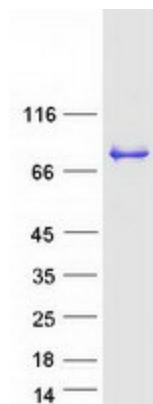
Locus ID: 51163

UniProt ID: [Q9UK59](#)

Cytogenetics: 3q22.3

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]).