

Recombinant Human DBR1 Protein, GST-tagged

Cat. No. DBR1-2374H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DBR1 full-length ORF (NP_057300.2, 1 a.a. - 544 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	88 kDa
AA Sequence	MRVAVAGCCHGELDKIYETLALAERRGPGPVDLLCCGDFQAVRNEADLRCAVPP KYRHMQTFYRYYSGEKKAPVLTFIGGNHEASNHLQELPYGGWVAPNIYYLGLAGV VKYRGVRIGGISGIFKSHDYRKGFECPPYNSSTIRSIYHVRNIEVYKLKQLKQPIDIFL SHDWPRSIYHYGNKKQLLTKSFRRQEVENNTLGSPAASELLEHLKPTYWFSAPHLH VKFAALMQHQAKDKGQTARATKFLALDKCLPHRDFLQILEIHDPSAPDYLEYDIEWL TILRATDDLINVTGRLWNMPENNGLHARWDYSATEEGMKEVLEKLNHDLKVPCNFS VTAACYDPSKPQTQMQLIHRINPQTTEFCAQLGIIDINVRLQKSKEEHHVCGEYEEQD DVESNDSGEDQSEYNTDTSALSSINPDEIMLDEEDEDSDIVSAHSGMNTSPVEPSDQ ASEFSASFSDVRILPGSMIVSSDDTVDDSTIDREGKPGGTVESGNGEDLTKVPLKRLS

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	DEHEPEQRKKIKRRNQAIYAAVDDDDDDAA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

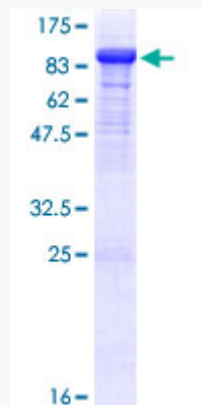
GENE INFORMATION

Gene Name	DBR1 debranching enzyme homolog 1 (S. cerevisiae) [Homo sapiens]
Official Symbol	DBR1
Synonyms	DBR1; debranching enzyme homolog 1 (S. cerevisiae); debranching enzyme (S. Cerevisiae) homolog 1; lariat debranching enzyme; RNA lariat debranching enzyme;
Gene ID	51163
mRNA Refseq	NM_016216
Protein Refseq	NP_057300
MIM	607024
UniProt ID	Q9UK59

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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