

Recombinant Full Length Human DBR1 Protein, GST-tagged

Cat. No. DBR1-2608HF **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	In Vitro Cell Free System
ProteinLength	544 amino acids
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	MRVAVAGCCHGELDKIYETLALAERRGPGPVDLLLCCGDFQAVRNEADLRMAVPP KYRHMQTFYRYSGEKKAPVLTFIGGNHEASNHLQELPYGGWVAPNIYYLGLAGV VKYRGVRIGGISGIFKSHDYRKGFECPPYNSSTIRSIYHVRNIEVYKLKQLKQPIDIFL SHDWPRSIYHYGNKKQLLTKSFFRQEEVENNTLGSPAASELLEHLKPTYWFSAPHLH VKFAALMQHQAKDKGQTARATKFLALDKCLPHRDFLQILEIEHDPSAPDYLEYDIEWL TILRATDDLINVTGRLWNMPENNGLHARWDYSATEEGMKEVLEKLNHDLKVPCNFS VTAACYDPSKPQTQMQLIHRINPQTTEFCAQLGIIDINVRLQKSKEEHHVCGEYEEQD DVESNDSGEDQSEYNTDTSALSSINPDEIMLDEEEDEDSIVSAHSGMNTSPSEPSDQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	ASEFSASFSDVRILPGSMIVSSDDTVDDSTIDREGKPGGTVESGNGEDLTKVPLKRLS 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

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UniProt ID

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