Recombinant Human DBR1, His-tagged

Cat. No. DBR1-26123TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 110-554 of Human DBR1 with an N terminal His tag. Predicted mwt: 50 kDa;
Species	Human
Source	E.coli
ProteinLength	110-554 a.a.
Description	The RNA lariat debranching enzyme, or DBR1, specifically hydrolyzes 2-prime-to-5-prime branched phosphodiester bonds at the branch point of excised lariat intron RNA and converts them into linear molecules.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 90 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	AGVVKYRGVRIGGISGIFKSHDYRKGHFECPPYNSSTIRS IYHVRNIEVYKLKQLKQP IDIFLSHDWPRSIYHYGNKK QLLKTKSFFRQEVENNTLGSPAASELLEHLKPTYWFS AHL HVKFAALMQHQAKDKGQTARATKFLALDKCLPHRDFLQ ILEIEHDPSAPDYLE

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

	YDIEWLTILRATDDLINVTGRLW NMPENNGLHARWDYSATEEGMKEVLEKLNHDLK VPCNFSV TAACYDPSKPQTQMQLIHRINPQTTEFCAQLGIIDINV RLQKSKEEHHVC GEYEEQDDVESNDSGEDQSEYNTDTS ALSSINPDEIMLDEEEDEDSIVSAHSGMNT PSVEPSDQAS EFSASFSDVRILPGSMIVSSDDTVDSTIDREGKPGGTV ESGNGEDL TKVPLKRLSDEHEPEQRKKIKRRNQAIYAAVDDDDDDAA

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;
Gene ID	51163
mRNA Refseq	NM_016216
Protein Refseq	NP_057300
MIM	607024
Uniprot ID	Q9UK59
Chromosome Location	3q22.3
Function	RNA lariat debranching enzyme activity; hydrolase activity, acting on ester bonds; metal ion binding;

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