Recombinant Human DBR1, His-tagged

Cat. No. DBR1-11847H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DBR1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	204-544a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	DBR1 debranching enzyme homolog 1 (S. cerevisiae) [Homo sapiens]

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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
Chromosome Location	3q22.3
Function	RNA lariat debranching enzyme activity; hydrolase activity, acting on ester bonds; metal ion binding;

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