

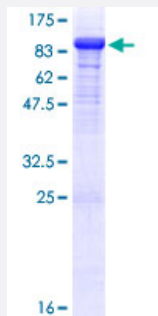
Full-Length

DBR1 (Human) Recombinant Protein (P01)

Catalog # H00051163-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DBR1 full-length ORF (NP_057300.2, 1 a.a. - 544 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRVAVAGCCHGELDKIYETLALAERRGPGPVDLLCCGDFQAVRNEADLRCMAVPPKYRHMQT
FYRYSGEKKAPVLTFIGGNHEASNHLQELPYGGWVAPNIYYLGLAGVVKYRGVRIGGISGIFKSH
DYRKGHFECPPYNSSTIRSIYHVRNIEVYKLKQLKQPIDIFLSHDWPRSIYHYGNKKQLLTKTSFFRQ
EVENNTLGSPAASELLEHLKPTYWFSAHLHVKFAALMQHQAADKGQTARATKFLALDKCLPHRD
FLQILEIHDPSAPDYLEYDIEWLTILRATDDLINVTGRLWNMPENNGLHARWDYSATEEGMKEVLE
KLNHDLKVPNCFSVTAACYDPSKPQTQMQLIHRINPQTTEFCAQLGIIDINVRLQKSKEEHHVCGEY
EEQDDVESNDSGEDQSEYNTDTSALSSINPDEIMLDEEDEDSDIVSAHSGMNTPSVEPSDQASE
FSASFSDVRILPGSMIVSSDDTV DSTIDREGKPGGTVESGNGEDLTKVPLKRLSDEHEPEQRKKIK
RRNQAIYAAVDDDDDDAA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88

Interspecies Antigen Sequence

Mouse (85); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DBR1

Entrez GeneID	51163
GeneBank Accession#	NM_016216.2
Protein Accession#	NP_057300.2
Gene Name	DBR1
Gene Alias	-
Gene Description	debranching enzyme homolog 1 (S. cerevisiae)
Omim ID	607024
Gene Ontology	Hyperlink
Gene Summary	The RNA lariat debranching enzyme, or DBR1, specifically hydrolyzes 2-prime-to-5-prime branch ed phosphodiester bonds at the branch point of excised lariat intron RNA and converts them into li near molecules.[supplied by OMIM
Other Designations	RNA lariat debranching enzyme debranching enzyme homolog 1