

Debranching RNA Lariats 1 Human Recombinant

Item Number	rAP-4041
Synonyms	Debranching RNA Lariats 1, Lariat Debranching Enzyme, Debranching Enzyme Homolog 1, RNA Lariat Debranching Enzyme, EC 3.1.-.-.
Description	DBR1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 340 amino acids (228-544) and having a molecular mass of 38kDa (molecular size on SDS-PAGE will appear higher).DBR1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chroma-
Uniprot Accession Number	Q9UK59
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHVKFAAL MQHQAKDKGQ TARATKFLAL DKCLPHRDFL QILEI-EHDPS APDYLEYDIE WLTLRATDD LINVTGRLWN MPENNGLHAR WDYSATEEGM KEVLEKLNHD LKVP CNFSVT AACYDPSKPQ TQMQLHRIN PQTTEFCAQL GIIDINVRLQ KSKEEHHVCG EYEEQDDVES NDSGEDQSEY NTDTSALSSI NPDEIMLDEE EDEDSIVSAH SGMNTPSVPEP SDQASEF-SAS FSDVRILPGS MIVSSDDTVD STIDREGKPG GTVESGNGED LTKVPLKRLS DEHEPEQRKK IKRRNQAIYA AVDDDDDDAA
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The DBR1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**