9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3654: DBR1 Recombinant Protein

Alternative Name : Debranching RNA Lariats 1,Lariat Debranching Enzyme,Debranching Enzyme Homolog 1,RNA Lariat Debranching Enzyme,EC 3.1.-.-.

Description

Source : Escherichia Coli. 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 chromatographic techniques. DBR1 is an RNA lariat debranching enzyme which hydrolyzes 2'-5' prime branched phosphodiester bonds. The encoded protein specifically targets the bonds at the branch point of eliminated lariat intron RNA, transforming them to linear molecules which are then degraded. Additionally, DBR1 takes part in retroviral replication.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The DBR1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHVKFAAL MQHQAKDKGQ TARATKFLAL DKCLPHRDFL QILEIEHDPS APDYLEYDIE WLTILRATDD LINVTGRLWN MPENNGLHAR WDYSATEEGM KEVLEKLNHD LKVPCNFSVT AACYDPSKPQ TQMQLIHRIN PQTTEFCAQL GIIDINVRLQ KSKEEHHVCG EYEEQDDVES NDSGEDQSEY NTDTSALSSI NPDEIMLDEE EDEDSIVSAH SGMNTPSVEP SDQASEFSAS FSDVRILPGS MIVSSDDTVD STIDREGKPG GTVESGNGED LTKVPLKRLS DEHEPEQRKK IKRRNQAIYA AVDDDDDDAA

For Research Use Only. Not for use in diagnostic/therapeutics procedures.