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DBR1, 228-544aa, Human, His tag, E.coli

产品货号: TP01834

第三版

别名:Lariat debranching enzyme, Debranching enzyme homolog 1

描述:DBR1 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. Recombinant human DBR1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.

分子量:38 kDa (340aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

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MGSSHHHHHSSGLVPRGSHMGSHVKFAALMQHQAKDKGQTARATKFLALDKCLPHRDFLQILEIEHDPSAPDYLEYDI  
EWL TILRATDDLINVTGRLWNMPENGLHARWDYSATEEGMKEVLEKLNHDLKVP CNFSVTAACYDPSKPQTQMQLIH  
RINPQTTEFCAQLGIIDINVRLQKSKEEHHVCGEYEEQDDVESNDSGEDQSEYNTDTSALSSINPDEIMLDEEDEDSDIVSA  
HSGMNTPSVEPSDQASEFSASFSDVRILPGSMIVSSDDTV DSTIDREGKPGGTVESNGEDLTKVPLKRLSDEHEPEQRKKIK  
RRNQAIYAAVDDDDDDAA
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纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.