



Recombinant Human LBR Protein Product Manual

1. Product Basic Information

Product No.: REP07328

Protein Name: Lamin B Receptor (LBR)

Aliases: PHA; C14SR; LMN2R; PHASK; TDRD18; DHCR14B; delta-14-SR; lamin B receptor; sterol C14-reductase; C-14 sterol reductase; tudor domain containing 18; delta(14)-sterol reductase LBR; 3-beta-hydroxysterol ...

UniProt ID: Q14739

UniProt Link: <https://www.uniprot.org/uniprotkb/Q14739/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-211aa)

Molecular Weight: 31.0 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-211aa)

MPSRKFADGEVVRGRWPGSSLYYEVEILSHDSTSQLYTVKYKDGTELELKENDIKP
LTSFRQRKGGSTSSSPSRRRGSRSRSRSPGRPPKSARRSASASHQADIKEARR
EVEVKLTPLILKPFGENSISRYNGEPEHIERNDAPHKNTQEKFSLSQESSYIATQYSLR
PRREEVKLKEIDSKEEKYVAKELAVRTFEVTPIRAKDLEFGG

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Human LBR partial protein (1-211aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. LBR, also known as PHA or C14SR or LMN2R, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.