

Recombinant Human MRPL1

Protein Product Manual

1. Product Basic Information

Product No.: REP07500

Protein Name: Mitochondrial Ribosomal Protein L1 (MRPL1)

Aliases: L1MT; uL1m; BM022; MRP-L1; mitochondrial ribosomal protein L1; large ribosomal subunit protein uL1m; 39S ribosomal protein L1, mitochondrial

UniProt ID: Q9BYD6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9BYD6/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (51-324aa)

Molecular Weight: 47.3kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (51-324aa)

KKTKKGAKKTPDEKKDEIEKIKAYPYMEGEPEDDVYLKRLYPRQIYEVEKAVHLLK
KFQILDFTSPKQSVYLDLTLDMALGKKKNVEPFTSVLSLPYPFASEINKVAVFTENAS
EVKIAEENGAFAAGGTSLIQKIWDDEIVADFYVAVPEIMPELNRLRKKLNKKYPKLSR
NSIGRDIPKMLELFKNGHEIKVDEERENFLQTKIATLDMSSDQIAANLQAVINEVCRH
RPLNLGPFVVRAFLRSSTSEGLLLKIDPLLPKEVKNEESEKED

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 MRPL1 partial protein (51-324aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. MRPL1, also known as L1MT or uL1m or BM022, 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.