



Recombinant Human MRPL28 Protein Product Manual

1. Product Basic Information

Product No.: REP07502

Protein Name: Melanoma Antigen P15 (MRPL28)

Aliases: p15; L28mt; MAAT1; bL28m; MRP-L28; melanoma antigen p15; mitochondrial ribosomal protein L28; large ribosomal subunit protein bL28m; 39S ribosomal protein L28, mitochondrial

UniProt ID: Q13084

UniProt Link: <https://www.uniprot.org/uniprotkb/Q13084/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of BC000990 (1-256aa)

Molecular Weight: 57.2kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-256aa)

MPLHKYPVWLWKRLQLREGICSR LPGYYLRSLEEERTPTPVHYRPHGAKFKINPKN
GQRERVEDVPIPIYFPPE SQRGLWGGE GWILGQIYANNDKLSKRLKKVWKPQLFER
EFYSEILDKKFTVTVTMRTL DLIDEAYGLDFYILKTPKEDLCSKFGMDLKRGM LRLA
RQDPQLHPEDPERRAAIYDKYKEFAIPEEEAEWVGLTLEEAI EKQRLLEEKDPVPLF
KIYVAELIQLQQQALSEP AVVQKRASGQ

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 protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human MRPL28 full length of bc000990 protein (1-256aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. MRPL28, also known as p15 or L28mt or MAAT1, 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.