



Recombinant strain ATCC 29342 / M129 MPN_083 Protein Product Manual

1. Product Basic Information

Product No.: REP07488

Protein Name: MPN_083

Aliases: lipoprotein

UniProt ID: P75610

UniProt Link: <https://www.uniprot.org/uniprotkb/P75610/entry>

Species Source: Mycoplasma pneumoniae (strain ATCC 29342 / M129)

Expression System: E.coli

Protein Length: Partial (22-242aa)

Molecular Weight: 41.2kDa

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

2. Amino Acid Sequence (22-242aa)

CSFKDYIPTPSFRKDFSTENNFVKNKVPKGDDIYSKFYDLTFSLNFVNNQAQEFGTG
WLIDWKGDENKNLSKNKEGQTASQTRSSSEQTTDQDANLFTAYIATNLHVADGLKN
DQDYAPYNKDGWGPYPYQQKTQSFLLGKYTKPNVQLVKTNYEKPEDAVIEQKLK
EDSLLFIQTSTLPKTAYAAIDPVNFSYNPTRTNGFWTAGKYNVYNGGNSIGNY

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



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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 strain ATCC 29342 / M129 MPN_083 partial protein (22-242aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. MPN_083, also known as lipoprotein, 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.