

Recombinant strain LT2 / SGSC1412 / ATCC 700720 prgJ Protein Product Manual

1. Product Basic Information

Product No.: REP07887

Protein Name: Stm2872Protein Prgj (prgJ)

Aliases: prgJ; STM2872Protein PrgJ

UniProt ID: P41785

UniProt Link: <https://www.uniprot.org/uniprotkb/P41785/entry>

Species Source: Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)

Expression System: E.coli

Protein Length: Full Length (1-101aa)

Molecular Weight: 15.9kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-101aa)

MSIATIVPENAVIGQAVNIRSMETDIVSLDDRLLQAFSGSAIATAVDKQTITNRIEDPNL
VTDPKELAISQEMISDYNLYVSMVSTLTRKGVGAVETLLRS

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



5. Product Description

This product is a recombinant strain LT2 / SGSC1412 / ATCC 700720 prgJ full length protein (1-101aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. prgJ, also known as prgJ or STM2872Protein PrgJ, 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.