

Recombinant strain K12 rpsB Protein Product Manual

1. Product Basic Information

Product No.: REP08131

Protein Name: 30S Ribosomal Protein S2 (rpsB)

Aliases: rpsB; b0169; JW0164; 30S ribosomal protein S2; Small ribosomal s

UniProt ID: P0A7V0

UniProt Link: <https://www.uniprot.org/uniprotkb/P0A7V0/entry>

Species Source: Escherichia coli (strain K12)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-241aa)

Molecular Weight: 53.6kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (2-241aa)

ATVSMRDMLKAGVHFGHQTRYWNPKMKPFIFGARNKVHIINLEKTVPMFNEALAE
NKIASRKGKILFVGTKRAASEAVKDAALSCDQFFVNRWLGGMLTNWKTVRQSIKR
LKDLETQSQDGTDFDKLTKKEALMRTRELEKLENSLGGIKDMGGLPDALFVIDADHEH
IAIKEANNLGI PVFAIVDTNSDPDGVDFVIPGNDDAIRAVTLYLGAVAATVREGRSQDL
ASQAEESFVEAE

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 K12 rpsB full length of mature protein protein (2-241aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. rpsB, also known as rpsB or b0169 or JW0164, 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.