

# Recombinant Transparent sea squirt RPS13 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08116

**Protein Name:** Ribosomal Protein S13 (RPS13)

**Aliases:** S13; uS15; ribosomal protein S13; 40S ribosomal protein S13; small ribosomal subunit protein uS15

**UniProt ID:** P62277

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P62277/entry>

**Species Source:** *Ciona intestinalis* (Transparent sea squirt) (*Ascidia intestinalis*)

**Expression System:** *E.coli*

**Protein Length:** Full Length of Mature Protein (2-151aa)

**Molecular Weight:** 23.9 kDa

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

## 2. Amino Acid Sequence (2-151aa)

GRMHAPGKGLSSSALPYRRSVPTWLKLSSEDEVKEQIYKLAKKGLRPSQIGVILRDSH  
GSAQVRFVTGNQILRVLKAKGLAPDLPEDIYHLIKKAVAMRKHLEARNRKDTSKFRLI  
LVESRIHRLGRIYKTKGVLPPNWKYESATASALVA

## 3. Storage Buffer

**Liquid Delivery Form:** Tris-based buffer with 50% glycerol.

**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 Transparent sea squirt RPS13 full length of mature protein protein (2-151aa) 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. RPS13, also known as S13 or uS15 or ribosomal protein S13, 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.