



Recombinant Human TAGLN2 Protein Product Manual

1. Product Basic Information

Product No.: REP08395

Protein Name: Transgelin Transgelin-Sm22-Alpha Homolog (TAGLN2)

Aliases: transgelin transgelin-SM22-alpha homolog; epididymis tissue protein Li 7e; epididymis secretory sperm binding protein

UniProt ID: P37802

UniProt Link: <https://www.uniprot.org/uniprotkb/P37802/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-199aa)

Molecular Weight: 38.3kDa

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

2. Amino Acid Sequence (2-199aa)

ANRGPAYGLSREVVQQKIEKQYDADLEQILIQWITTQCRKDVGRPQPGRENFQNWLK
DGTVLCELINALYPEGQAPVKKIQASTMAFKQMEQISQFLQAAERYGINTTDIFQTVD
LWEGKNMACVQRTLMMNLGGLAVARDDGLFSGDPNWFPPKSKENPRNFSDNQLQE
GKNVIGLQMG TNRGASQAGMTGYGMPRQIL

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 Human TAGLN2 full length of mature protein protein (2-199aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. TAGLN2, also known as transgelin transgelin-SM22-alpha homolog or epididymis tissue protein Li 7e or epididymis secretory sperm binding protein, 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.