

Recombinant Human YKT6 Protein Product Manual

1. Product Basic Information

Product No.: REP08678

Protein Name: Snare Protein Ykt6 (YKT6)

Aliases: R-SNARE; SNARE protein Ykt6; YKT6 v-SNARE homolog; YKT6 v-SNARE protein; synaptobrevin homolog YKT6; YKT6 vesicular SNARE protein; YKT6, *S. cerevisiae*, homolog of

UniProt ID: O15498

UniProt Link: <https://www.uniprot.org/uniprotkb/O15498/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-195aa)

Molecular Weight: 48.8 kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-195aa)

MKLYSLSVLYKGEAKVLLKAAAYDVSSFSFFQRSSVQEFMTFTSQLIVERSSSKGTRA
SVKEQDYLVCHVYVRNDSLAVVIADNEYPSRVAFTLLEKVLDEFKQVDRIDWPVG
SPATIHYPALDGHLSRYQNPREADPMTKVQAELDETKIILHNTMESLLERGEKLDDL
VSKSEVLGTQSKAFYKTARKQNSCC

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



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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 Human YKT6 full length protein (1-195aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. YKT6, also known as R-SNARE or SNARE protein Ykt6 or YKT6 v-SNARE homolog, 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.