

Recombinant Human TAS2R10 Protein Product Manual

1. Product Basic Information

Product No.: REP08400

Protein Name: Taste 2 Receptor Member 10 (TAS2R10)

Aliases: TRB2; T2R10; taste 2 receptor member 10; taste receptor type 2 member 10; taste receptor, type 2, member 10; taste receptor, family B, member 2

UniProt ID: Q9NYW0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9NYW0/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (64-100aa)

Molecular Weight: 19.6 kDa

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

2. Amino Acid Sequence (64-100aa)

DGFIQIFSPNIYASGNLIEYISYFWVIGNQSSMWFAT

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 protein denaturation and activity loss.



5. Product Description

This product is a recombinant Human TAS2R10 partial protein (64-100aa) expressed in E.coli. The protein is with 6xHis-KSI tag at the N-terminus, which facilitates protein purification, detection and identification. TAS2R10, also known as TRB2 or T2R10 or taste 2 receptor member 10, 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.