

# Recombinant Human TAS2R14 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08401

**Protein Name:** Taste 2 Receptor Member 14 (TAS2R14)

**Aliases:** TRB1; T2R14; taste 2 receptor member 14; taste receptor type 2 member 14; taste receptor, type 2, member 14; taste receptor, family B, member 1

**UniProt ID:** Q9NYV8

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9NYV8/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Partial (283-317aa)

**Molecular Weight:** 11.0 kDa

**Protein Tag:** C-terminal 6xHis-tagged

## 2. Amino Acid Sequence (283-317aa)

GNKKLRQASLSVLLWLRYMFKDGEPSGHKEFRESS

## 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 TAS2R14 partial protein (283-317aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. TAS2R14, also known as TRB1 or T2R14 or taste 2 receptor member 14, 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.