



Recombinant Human HTR1D Protein Product Manual

1. Product Basic Information

Product No.: REP07170

Protein Name: Serotonin Receptor 1D (HTR1D)

Aliases: HTRL; RDC4; HT1DA; 5-HT1D; HTR1DA; 5-HT-1D; 5-HT-1D-alpha; serotonin receptor 1D; serotonin 1D alpha receptor; 5-hydroxytryptamine receptor 1D

UniProt ID: P28221

UniProt Link: <https://www.uniprot.org/uniprotkb/P28221/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (1-38aa)

Molecular Weight: 32.3 kDa

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (1-38aa)

MSPLNQSAEGLPQEASNRS LNATETSEAWDPRTLQALK

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 HTR1D partial protein (1-38aa) expressed in Yeast. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. HTR1D, also known as HTRL or RDC4 or HT1DA, 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.