



Recombinant Human HTR1B Protein Product Manual

1. Product Basic Information

Product No.: REP07169

Protein Name: Serotonin Receptor 1B (HTR1B)

Aliases: S12; 5-HT1B; HTR1D2; HTR1DB; 5-HT-1B; 5-HT1DB; 5-HT-1D-beta; serotonin receptor 1B; serotonin 1D beta receptor; 5-hydroxytryptamine receptor 1B

UniProt ID: P28222

UniProt Link: <https://www.uniprot.org/uniprotkb/P28222/entry>

Species Source: Homo sapiens (Human)

Expression System: in vitro E.coli expression system

Protein Length: Full Length (1-390aa)

Molecular Weight: 62.1kDa

Protein Tag: N-terminal 10xHis-SUMO-tagged

2. Amino Acid Sequence (1-390aa)

MEEPGAQCAPPPPAGSETWVPQANLSSAPSQNCSEAKDYIYQDSISLPWKVLLVMLL
ALITLATTLSNAFVIATVYRTRKLHTPANYLIASLAVTDLLVSILVMPISTMYTVTGRWT
LGQVVCDFWLSSDITCCTASILHLCVIALDRYWAITDAVEYSAKRTPKRAAVMIALVW
VFSISISLPPFFWRQAKAESEVSECNVNTDHILYTVYSTVGAFYFPTLLLIALLYGRIYV
EARSRLKQTPNRTGKRLTRAQLITDSPGSTSSVTSINSRVPDVPSESGSPVYVNQV
KVRVSDALLEKKKLMAARERKATKTLGILGAFIVCWLPFFIISLVMPICKDACWFHLAI
FDFFTWLGYLNSLINPIIYTMSNEDFKQAFHKLIRFKCTS

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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

5. Product Description

This product is a recombinant Human HTR1B full length protein (1-390aa) expressed in in vitro E.coli expression system. The protein is with 10xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. HTR1B, also known as S12 or 5-HT1B or HTR1D2, 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.