

# Recombinant Human UNC5C Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08604

**Protein Name:** Unc-5 Homolog Unc-5 Homolog Netrin Receptor Unc5C (UNC5C)

**Aliases:** unc-5 homolog unc-5 homolog netrin receptor UNC5C

**UniProt ID:** O95185

**UniProt Link:** <https://www.uniprot.org/uniprotkb/O95185/entry>

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

**Expression System:** E.coli

**Protein Length:** Partial of Isoform 2 (61-270aa(A150V))

**Molecular Weight:** 31.5 kDa

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

## 2. Amino Acid Sequence (61-270aa(A150V))

LPHFLIEPEEAYIVKNKPVNLYCKASPATQIYFKCNSEWVHQKDHIVDERVDETSGLI  
VREVSIEISRQQVEELFGPEDYWCQCVAWSSVGTTKSRKAYVRIAYLRKTFEQEPL  
GKEVSLEQEVLLQCRPPEGIPVAEVEWLKNEDIIDPVEDRNFYITIDHNLIIKQARLSD  
TANYTCVAKNIVAKRKSTTATVIVYVNGGWSTWTEWS

## 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 UNC5C partial of isoform 2 protein (61-270aa(A150V)) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. UNC5C, also known as unc-5 homolog unc-5 homolog netrin receptor UNC5C, 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.