



# Recombinant Human CYB5B Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP06607

**Protein Name:** Type 2 Cyt-B5 (CYB5B)

**Aliases:** OMB5; CYB5-CYPB5M; type 2 cyt-b5

**UniProt ID:** O43169

**UniProt Link:** <https://www.uniprot.org/uniprotkb/O43169/entry>

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

**Expression System:** Mammalian cell

**Protein Length:** Partial (16-122aa)

**Molecular Weight:** 43.3 kDa

**Protein Tag:** C-terminal hFc1-tagged

## 2. Amino Acid Sequence (16-122aa)

KGQEVETSVTYRLEEVAKRNSLKELWLVIHGRVYDVTRFLNEHPGGEEVLLEQAG  
VDASESFEDVGHSSDAREMLKQYYIGDIHPSDLKPESGSKDPSKNDTCKSC

## 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 CYB5B partial protein (16-122aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. CYB5B, also known as OMB5 or CYB5-CYPB5M or type 2 cyt-b5, 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.