Recombinant Human UBE2I Protein Product Manual

1. Product Basic Information

Product No.: REP08586

Protein Name: C358B7.Sumo-Protein Ligase (UBE2I)

Aliases: P18; UBC9; C358B7.SUMO-protein ligase; SUMO-1-protein ligase; ubiquitin-protein ligase E2I; ubiquitin-conjugating enzyme UbcE2A; ubiquitin-like protein SUMO-1 conjugating enzyme

UniProt ID: P63279

UniProt Link: https://www.uniprot.org/uniprotkb/P63279/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-157aa)

Molecular Weight: 44.9kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-157aa)

MSGIALSRLAQERKAWRKDHPFGFVAVPTKNPDGTMNLMNWECAIPGKKGTPWE
GGLFKLRMLFKDDYPSSPPKCKFEPPLFHPNVYPSGTVCLSILEEDKDWRPAITIKQI
LLGIQELLNEPNIQDPAQAEAYTIYCQNRVEYEKRVRAQAKKFAP

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 UBE2I partial protein (1-157aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. UBE2I, also known as P18 or UBC9 or C358B7.SUMO-protein ligase, 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.