

# Recombinant strain ATCC 700392 / 26695 ureB Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08611

**Protein Name:** Urease Subunit Beta (ureB)

**Aliases:** urease subunit beta

**UniProt ID:** P69996

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P69996/entry>

**Species Source:** Helicobacter pylori (strain ATCC 700392 / 26695) (Campylobacter pylori)

**Expression System:** E.coli

**Protein Length:** Full Length (1-569aa)

**Molecular Weight:** 65.7kDa

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

## 2. Amino Acid Sequence (1-569aa)

MKKISRKEYVSMYGPTTGDKVRLGDTDLIAEVEHDYTIYGEELKFGGGKTLREGMS  
QSNNPSKEELDLITNALIVDYTGIIYKADIGIKDGKIAGIGKGGNKDMQDGVKNNLSVG  
PATEALAGEGLIVTAGGIDTHIHFIISPQQIPTAFASGVTTMIGGGTGPADGTNATTITP  
GRRNLKRWMLRAAEEYSMNLGFLAKGNASNDASLADQIEAGAIGFKIHEDWGTTPSA  
INHALDVADKYDVQVAIHTDTLNEAGCVEDTMAAIAGRTMHTFHTEGAGGGHAPDII  
KVAGEHNILPASTNPTIPFTVNTEAEHMDMLMVCHHLDKSIKEDVQFADSRIRPQTIA  
AEDTLHDMGIFSITSSDSQAMGRVGEVITRTWQTADKNKKEFGRLKEEKGDNDNFR  
IKRYLSKYTINPAIAHGISEYVGSVEVGKVADLVLWSPAFFGVKPNMIIKGGFIALSQM  
GDANASIPTQPVYYREMFHHGKAKYDANITFVSQAAYDKGIKEELGLERQVLPVK  
NCRNITKKDMQFNDTTAHIEVNPETYHVFVDGKEVTSKPANKVSLAQLFSIF

## 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)



**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 strain ATCC 700392 / 26695 ureB full length protein (1-569aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. ureB, also known as urease subunit beta, 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.