

Recombinant Human USP26 Protein Product Manual

1. Product Basic Information

Product No.: REP08618

Protein Name: Ubiquitin Thioesterase 26 (USP26)

Aliases: ubiquitin thioesterase 26; deubiquitinating enzyme 26; ubiquitin thiolesterase 26; ubiquitin specific protease 26; ubiquitin specific peptidase 26; ubiquitin carboxyl-terminal hydrolase 26; ubiquitin-...

UniProt ID: Q9BXU7

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9BXU7/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (291-890aa)

Molecular Weight: 72.4 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (291-890aa)

EKICHGLPNLGNTCYMNAVLQSLLSIPSFADDLLNQSFPGWGIPLNALTMCCLARLLFF
KDTYNIEIKEMLLLNLKKAISAAAEIFHGNAQNDAHEFLAHCLDQLKDNMEKLNNTIWK
PKSEFGEDNFPKQVFADDPDTSGFSCPVITNFELELLHSIACKACGQVILKTELNNYL
SINLPQRIKAHPSSIQSTFDLFFGAEELYKCAKCEHKTSVGVHFSRSLPRILIVHLKR
YSLNEFCALKKNDQEVIIISKYLKVSSHHCNEGTRPPLPLSEGEITDFQLLKVIRKMTS
GNISVSWPATKESKDILAPHIGSDKESEQKKGQTVFKGASRRQQQKYLKNSKPNE
LESVYSGDRAFIEKEPLAHLMTYLEDTSLCQFHKAGGKPASSPGTPLSKVDFQTVP
ENPKRKKYVKTSKFVAFDRIINPTKDLYEDKNIRIPERFQKVSEQTQQCDGMRICEQ
APQQALPQSFPKPGTQGHKTNLLRPTKLNLLQKSNRNSLLALGSNKNPRNKDILDKIK
SKAKETKRNDKGDHTYRLISVVSHLGKTLKSGHYICDAYDFEKQIWFTYDDMRVL
GIQEAQMVEDRRCTGYIFFYMHNEIFE

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 Human USP26 partial protein (291-890aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. USP26, also known as ubiquitin thioesterase 26 or deubiquitinating enzyme 26 or ubiquitin thiolesterase 26, 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.