

Recombinant Human USP15 Protein Product Manual

1. Product Basic Information

Product No.: REP08616

Protein Name: Unph-Ubiquitin Thioesterase 15 (USP15)

Aliases: UNPH4; UNPH-ubiquitin thioesterase 15; deubiquitinating enzyme 15; ubiquitin thiolesterase 15; ubiquitin specific peptidase 15; ubiquitin carboxyl-terminal hydrolase 15; ubiquitin-specific-processing ...

UniProt ID: Q9Y4E8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y4E8/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (289-933aa)

Molecular Weight: 81.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (289-933aa)

CGLSNLGNTCFMNSAIQCLSNTPLTEYFLNDKYQEELNFDNPLGMRGEIAKSYAEL
IKQMWSGKFSYVTPRAFKTQVGRFAPQFSGYQQQDCQELLAFLLDGLHEDLNRIK
KPYIQLKDADGRDPKVAEEAWENHLKRNSIIVDIFHGLFKSTLVCPECAKISVTFD
PFCYLTLPLPMKKERTLEVYLVRMDPLTKPMQYKVVVVKIGNILDCTALSALSGIPA
DKMIVTDIYNHRFHRIFAMDENLSSIMERDDIYVFEININRTEDTEHVIIIPVCLREKFRH
SSYTHHTGSSLFGQPFLMAVPRNNTEDKLYNLLLLRMCRYVKISTETEETEGSLHC
CKDQNINGNGPNGIHEEGSPSEMETDEPDDDESSQDQELPSENENSQSEDSVGGD
NDSENGLCTEDTCKGQLTGHHKRLFTFQFNNGNTDINYIKDDTRHIRFDDRQLRLD
ERSFLALDWDPLKKRYFDENAAEDFEKHESVEYKPPKPFVKLKDCIELFTTKEKL
GAEDPWYCPNCKEHQQATKCLDLWVSLPPVLVHVKRFSYSRYMRDKLDTLVDFPI
NDLDMSEFLINPAGPCRYNLIAVSNHYGGMGGGHYTAFANKDDGKWWYFDDSS
VSTASEDQIVSKAAYVLFYQRQ

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



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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 USP15 partial protein (289-933aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. USP15, also known as UNPH4 or UNPH-ubiquitin thioesterase 15 or deubiquitinating enzyme 15, 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.