

Recombinant Human USP1 Protein Product Manual

1. Product Basic Information

Product No.: REP08614

Protein Name: USP1

Aliases: hUBP

UniProt ID: O94782

UniProt Link: <https://www.uniprot.org/uniprotkb/O94782/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-785aa)

Molecular Weight: 94.3

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-785aa)

MPGVIPSESNGLSRGSPSKNRLSLKFFQKKETKRALDFTDSQENEEKASEYRASEI
DQVVPAAQSSPINCEKRENLLPFVGLNNLGNTCYLNSILQVLYFCPGFKSGVKHLFN
IISRKKEALKDEANQKDKGNCKEDSLASYELICSLQSLIISVEQLQASFLLNPEKYTDE
LATQPRLLNLTRELNPMYEGYLQHDAQEVLQCILGNIQETCQLLKKEEVKNVAELP
TKVEEIPHPKEEMNGINSIEMDSMRHSEDFKEKLPKGNGKRKSDTEFGNMKKKVKL
SKEHQSLEENQRQTRSKRKATSDTLESPPKIIPKYISENESPRPSQKKSrvkinwLk
SATKQPSILSKFCSLgKITTNQGVKGQSKENECDPEEDLGKCESDNTTNGCGLESP
GNTVTPVNVNEVKPINKGEEQIGFELVEKLFQGGQLVLRTRCLECESLTERREDFQDI
SVPVQEDELskveesseispepktemkTLRWaisqFASVERIVGEDKYFCENCHHYT
EAERSLLFDKMPEVITihLkCFAASGLEFDCYGGGLSKINTPLLTPLKLSLEEWSTKP
TNDsyGLFAVVMHSGITISSGHYtASVKVTDLNSLELDKGNFVVDQMCEIGKPEPLN
EEEARGVVENYNDEEVsIRVGGNTQPSKVLNkKNVEAIGLLGGQKSKADYELYNKA
SNPDkVASTAFaENRNSETSDTTGTHEsDRNKESSDQTGINISGFENKISYVVQSLK
EYEGKWLLFDDSEVKVTEEKDFLNSLSPSTSPSTPYLLFYKKL

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 USP1 full length protein (1-785aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. USP1, also known as hUBP, 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.