

Recombinant Rat USP19 Protein Product Manual

1. Product Basic Information

Product No.: REP08617

Protein Name: Ubiquitin Thioesterase 19 (USP19)

Aliases: ubiquitin thioesterase 19; deubiquitinating enzyme 19; ubiquitin thiolesterase 19; ubiquitin specific protease 19; ubiquitin specific peptidase 19; ubiquitin carboxyl-terminal hydrolase 19; ubiquitin-...

UniProt ID: O94966

UniProt Link: <https://www.uniprot.org/uniprotkb/O94966/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Partial (534-1255aa)

Molecular Weight: 86.5 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (534-1255aa)

GFTGLVNLGNTCFMNSVIQSLSNTRDLRFFHDRSFEAEINYNPLGTGGRLAIGFA
VLLRALWKGTHQAFQPSKLAIVASKASQFTGYAQHDAQEFMAFLLDGLHEDLNRI
QNKPYTETVSDGRPDEVVAEEAWQRHKMRNDSFIVDLFQGQYKSKLVCPVCAKV
SITFDPFLYLPVPLPQKQKVLPIYYFAREPHSKPIKFLVSVSKENSSASEVLESLSQSV
HVKPESLRLAEVIKRFHRVFLPSHSLDAVSPTDVLLCFELLSPELAKERVVVLEVQ
QRPQVPSIPISKCAACQRKQQSEDEKLKRCTRCYRVGYCNQFCQKTHWPDHKGLC
RPENIGYPFLVSVPASRLTYARLAQLLEGYARYSVSVFQPPFQGRMALESQSPGC
TTLLSTSSLEAGDSEREPIQPSELQLVTPVAEGDTGAHRMWPPADRGPVPSTSGIS
SEMLASGPMEGCSLLAGERVSRPEAAVPGYQHSRESVSAHTPQFFIYKIDASSREQ
RLEDKGDTPLELGDDCSLALVWRNNERLQEFVLVASKELECAEDPGSAGEAARAG
HFTLDQCLNLFTRPEVLAPEEAWYCPQCKQHREASKQLLLWRLPNVLIVQLKRFSF
RSFIWRDKINDLVEFPVRNLDLSKFCIGQKKEEQLPYDLYAVINHYGGMIGGHYTAC
ARLPSSDRSSQRSDVGWRLFDDSTVTTVDESQVVTRYAYVLFYRRRNS

3. Storage Buffer



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

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 Rat USP19 partial protein (534-1255aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. USP19, also known as ubiquitin thioesterase 19 or deubiquitinating enzyme 19 or ubiquitin thiolesterase 19, 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.