

Product datasheet for **TP309550**

USP3 (NM_006537) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ubiquitin specific peptidase 3 (USP3), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone >RC209550 representing NM_006537

or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MECPHLSSSVCIAPDSAKFPNGSPSSWCCSVCRSNKSPWVCLTCSSVHCGRYVNGHAKKHVEDAQVPLTN
HKKSEKQDKVQHTVCMDCSSYSTYCYRCDFFVNDTKLGLVQKVREHLQNLensaftADRHKRKLLENS
TLNSKLLKVNSTTAICATGLRNLGNTCFMNAILQSLSNIEQFCYFKELPAVELRNGKTAGRRTYHTRS
QGDNNVSLVEEFRKTLCALWQGSQTAFSPESLFYVWVKIMPFRGYQQQDAHEFMRYLLDHLHLELQGGF
NGVSRSAIQENSTLSASNKCCINGASTVTAIFGGILQNEVNCLICGTESRKFDPFLDLSLDIPSQFRS
KRSKNQENGPVCSLRDCLRSFTDLEELDETELYMCHKCKKKQKSTKKFWIQKLPKVLCLHLKRFHWAYL
RNKVDTYVEFPLRGLDMKCYLLEPENSGPESCLYDLAAVWVHHGSGVGSVGHYTAYATHEGRWFHFNDSTV
TLTDEETVVKAKAYILFYVEHQAKAGSDDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 58.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_006528](#)

Locus ID: 9960

UniProt ID: [Q9Y6I4](#)

RefSeq Size: 5606

Cytogenetics: 15q22.31

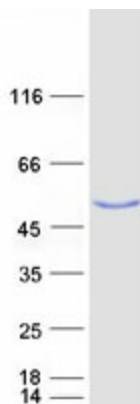
RefSeq ORF: 1560

Synonyms: SIH003; UBP

Summary: Hydrolase that deubiquitinates monoubiquitinated target proteins such as histone H2A and H2B. Required for proper progression through S phase and subsequent mitotic entry. May regulate the DNA damage response (DDR) checkpoint through deubiquitination of H2A at DNA damage sites. Associates with the chromatin.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Protease

Product images:



Coomassie blue staining of purified USP3 protein (Cat# TP309550). The protein was produced from HEK293T cells transfected with USP3 cDNA clone (Cat# [RC209550]) using MegaTran 2.0 (Cat# [TT210002]).