

Product datasheet for **TP309550M**

USP3 (NM_006537) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 3 (USP3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209550 representing NM_006537 Red=Cloning site Green=Tags(s)

MECPHLSSSVCIAPDSAKFPNGSPSSWCCSVCRSNKSPWVCLTCSSVHCGRYVNGHAKKHVEDAQVPLTN
HKKSEKQDKVQHTVCMDCSSYSTYCYRCDFFVNDTKLGLVQKVREHLQNLensaftADRHKRKLLENS
TLNSKLLKVNSTTAICATGLRNLGNTCFMNAILQSLSNIEQFCYKELPAVELRNGKTAGRRTYHTRS
QGDNNVSLVEEFRKTLCALWQGSQTAFSPESLFYVWVKIMPFRGYQQQDAHEFMRYLLDHLHLELQGGF
NGVRSAILQENSTLSASNKCCINGASTVTAIFGGILQNEVNCLICGTESRKFDPLDLSLDIPSQFRS
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

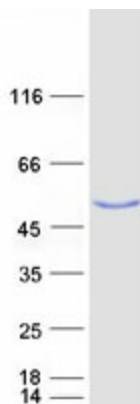
RefSeq ORF: 1560

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]).