

Product datasheet for PH309550

USP3 (NM_006537) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	USP3 MS Standard C13 and N15-labeled recombinant protein (NP_006528)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209550
Predicted MW:	59.3 kDa
Protein Sequence:	>RC209550 representing NM_006537 Red=Cloning site Green=Tags(s)
	MECPHLSSVCIAPDSAKFPNGSPSSWCCSVCRSNKSPWVCLTCSSVHCGRYVNGHAKKHYEDAQVPLTN HKKSEKQDKVQHTVCMDCSSYSTYCYRCDDFVVDNKLGLVQKVREHLQNLNSAFTADRHKKRKLLENS TLNSKLLKVGSTTAICATGLRNLGNTCFMNAILQSLSNIEQFCCYFKELPAVELRNGKTAGRRTYHTRS QGDNNVSLVEEFRKTLCALWQGSQTAFSPESLFYVVKIMPFRGYQQQDAHEFMRYLLDHLHLELQGGF NGVSRSAIILQENSTLSASNKCCINGASTVVTAIFGGILQNEVNCLICGTERKFPDLDSLIPSQFRS KRSKNQENGPVCSLRDCLRSFTDLEELDETEL YMCHKCKKKQKSTKKFWIQKLPKVLCLHLKRFHWTAYL RNKVDTYVEFPLRGLDMKCYLLEPENS GPESCLYDLAAVVVHHGSGVGS GHYTAYATHEGRWFHNDSTV TLTDEETVVKAKAYILFYVEHQAKAGSDKL
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006528
RefSeq Size:	5606
RefSeq ORF:	1560



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Synonyms: SIH003; UBP

Locus ID: 9960

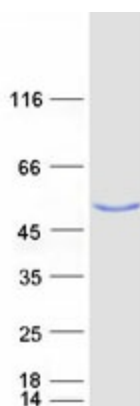
UniProt ID: [Q9Y6I4](#)

Cytogenetics: 15q22.31

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]).