

Recombinant human USP16 protein, His-tagged

Cat. No. USP16-214H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ubiquitin specific peptidase 16 (USP16) transcriptvariant 2 (Met1-Asp355) was expressed in E.coli with N-terminal His tag.
Species	Human
Source	E.coli
ProteinLength	1-355 a.a.
Description	This gene encodes a deubiquitinating enzyme that is phosphorylated at the onset of mitosis and then dephosphorylated at the metaphase/anaphase transition. It can deubiquitinate H2A, one of two major ubiquitinated proteins of chromatin, in vitro and a mutant form of the protein was shown to block cell division. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Form	50mM Tris, 8M Urea, pH8.0
Molecular Mass	40.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	USP16
Official Symbol	USP16
Synonyms	UBPM; UBP-M
Gene ID	10600
mRNA Refseq	NM_001001992.1
Protein Refseq	NP_001001992.1
MIM	604735
UniProt ID	Q9Y5T5
SDS-PAGE of USP16-214H	

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