

Recombinant Human USP44 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. USP44-4391H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	USP44 MS Standard C13 and N15-labeled recombinant protein (NP_001035862) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a protease that functions as a deubiquitinating enzyme. The encoded protein is thought to help regulate the spindle assembly checkpoint by preventing early anaphase onset. This protein specifically deubiquitinates CDC20, which stabilizes the anaphase promoting complex/cyclosome.
Molecular Mass	81 kDa
AA Sequence	MLAMDTCKHVGQLQLAQDHSSLNPQKWHCVCNTTESIWACLSCSHVACGRYIEE HALKHFESSHHPVALEVNEMYVFCYLCDDYVLNDNATGDLKLLRRTLSTAIKSQNYHC TTRSGRFLRSMGTGDDSYFLHDGAQSLLQSEDQLYTALWHRRRILMGKIFRTWFEQ SPIGRKKQEEPFEQEKIVVKREVKKRRQELEYQVKAELSMPPRKSLRLQGLAQSTIIE IVSVQVPAQTPASPAKDKVLSTSENEISQKVS DSSVKRRPIVTPGV TGLRNLGNTCY MNSVLQVLSHLLIFRQCFLKLDLNQWLAMTASEKTRCKHPPVTDTVVYQMNECQE KDTGFVCSRQSSLSSGLSGGASKGRKMELIQPKEPTSQYISLCHELHTLFQVMWSG KWALVSPFAMLSVWRLIPAFRGYAQQDAQEFLCELLDKIQRELETTGTSLPALIPTS

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QRKLIKQVLNVVNNIFHGQLLSQVTCLACDNKSNTIEPFWDLSEFFERYQCSGKDIA
 SQPCLVTEMLAKFTETELEGKIYVCDQCNSKRRRFSSKPVVLTEAQKQLMICHLPQ
 VLRLHLKRFRWSGRNNREKIGVHVGFEELNMEPYCCRETLKSLRPECFIYDLSAVV
 MHHGKGFGSGHYTAYCYNSEGGFWVHCNDSKLSMCTMDEVCKAQAYILFYTQRV
 TENGHKKLLPPELLLSQHPNEDADTSSNEILSTRTRPLEQKLISEEDLAANDILDYK
 DDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name USP44 ubiquitin specific peptidase 44 [Homo sapiens (human)]

Official Symbol USP44

Synonyms USP44; ubiquitin specific peptidase 44; ubiquitin carboxyl-terminal hydrolase 44; deubiquitinating enzyme 44; ubiquitin specific protease 44; ubiquitin thioesterase 44; ubiquitin thiolesterase 44; ubiquitin-specific-processing protease 44; EC 3.4.19.12

Gene ID 84101

mRNA Refseq NM_001042403

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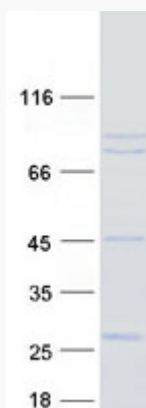
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Protein Refseq NP_001035862

MIM 610993

UniProt ID Q9H0E7

SDS-PAGE



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