Recombinant Human UBAC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBAC1-3561H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBAC1 MS Standard C13 and N15-labeled recombinant protein (NP_057256) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Non-catalytic subunit of the KPC complex that acts as E3 ubiquitin-protein ligase. Required for poly-ubiquitination and proteasome-mediated degradation of CDKN1B during G1 phase of the cell cycle.
Molecular Mass	45.3 kDa
AA Sequence	MFVQEEKIFAGKVLRLHICASDGAEWLEEATEDTSVEKLKERCLKHCAHGSLEDPKS ITHHKLIHAASERVLSDARTILEENIQDQDVLLLIKKRAPSPLPKMADVSAEEKKKQDQ KAPDKEAILRATANLPSYNMDRAAVQTNMRDFQTELRKILVSLIEVAQKLLALNPDAV ELFKKANAMLDEDEDERVDEAALRQLTEMGFPENRATKALQLNHMSVPQAMEWLIE HAEDPTIDTPLPGQAPPEAEGATAAASEAAAGASATDEEARDELTEIFKKIRRKREFR ADARAVISLMEMGFDEKEVIDALRVNNNQQNAACEWLLGDRKPSPEELDKGIDPDS PLFQAILDNPVVQLGLTNPKTLLAFEDMLENPLNSTQWMNDPETGPVMLQISRIFQTL NRTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

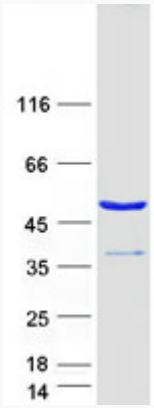
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	UBAC1 UBA domain containing 1 [Homo sapiens (human)]
Official Symbol	UBAC1
Synonyms	UBAC1; UBA domain containing 1; UBADC1, ubiquitin associated domain containing 1; ubiquitin-associated domain-containing protein 1; GBDR1; UBA domain-containing protein 1; E3 ubiquitin-protein ligase subunit KPC2; ubiquitin associated domain containing 1; kip1 ubiquitination-promoting complex protein 2; glialblastoma cell differentiation-related protein 1; putative glialblastoma cell differentiation-related protein; UBADC1; RP11-432J22.3;
Gene ID	10422
mRNA Refseq	NM_016172
Protein Refseq	NP_057256
MIM	608129
UniProt ID	Q9BSL1

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA