

Product datasheet for **TP300734M**

KPC2 (UBAC1) (NM_016172) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human UBA domain containing 1 (UBAC1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200734 protein sequence Red =Cloning site Green =Tags(s)

MFVQEEKIFAGKVLRLHICASDGAEWLEEATEDTSVEKLERCLKHCAHGSLEDPKSITHHKLIIHAASER
VLSDARTILEENIQDQDVLLLIKKRAPSPLPKMADVSAEKKKQDQKAPDKEAILRATANLPSYNDRAA
VQTNMRDFQTELRKILVSLIEVAQKLLALNPDAVELFKKANAMLDEDEDERVDEAALRQLTEMGFENRA
TKALQLNHMSVPQAMEWLIHAEDPTIDTPLPGQAPPEAEGATAAASEAAAGASATDEEARDELTEIFKK
IRRKREFRADARAVISLMEMGFDEKEVIDALRVNNNQNAACEWLLGDRKPSPEELDKGIDPDSPLFQAI
LDNPVVLGGLTNPKTLAFEDMLENPLNSTQWMNDPETGPVMLQISRIFQTLNRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	45.2 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.
RefSeq:	NP_057256
Locus ID:	10422



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UniProt ID: [Q9BSL1](#), [A0A140VK64](#)

RefSeq Size: 1877

Cytogenetics: 9q34.3

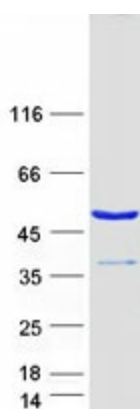
RefSeq ORF: 1215

Synonyms: GBDR1; KPC2; UBADC1

Summary: 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.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified UBAC1 protein (Cat# [TP300734]). The protein was produced from HEK293T cells transfected with UBAC1 cDNA clone (Cat# [RC200734]) using MegaTran 2.0 (Cat# [TT210002]).