

## Product datasheet for **TP300734**

### KPC2 (UBAC1) (NM\_016172) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human UBA domain containing 1 (UBAC1), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC200734 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MFVQEEKIFAGKVLRLHICASDGAEWLEEATEDTSVEKLERCLKHCAHGSLEDPKSITHHKLIIHAASER  
VLSDARTILEENIQDQDVLLIKKRAPSPLPKMADVSAEKKKQDQKAPDKEAILRATANLPSYNDRAA  
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

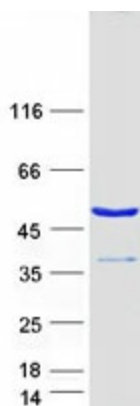
RefSeq ORF: 1215

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]).