

Product datasheet for PH300734

KPC2 (UBAC1) (NM_016172) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBAC1 MS Standard C13 and N15-labeled recombinant protein (NP_057256)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200734
Predicted MW:	45.3 kDa
Protein Sequence:	>RC200734 protein sequence Red=Cloning site Green=Tags(s)

MFVQEEKIFAGKVLRLHICASDGAEWLEEATEDTSVEKLERCLKHCAHGSLEDPKSITHHKLIIHAASER
VLSDARTILEENIQDQDVLLLIKRAPSPKPMADVSAEEKKQDQKAPDKEAILRATANLPSYNDRAA
VQTNMRDFQTELKILVSLIEVAQKLLALNPDAVELFKKANAMLDEDEDERVDEAALRQLTEMGFENRA
TKALQLNHMSVPQAMEWLIIEHAEDPTIDTLPQGAPPEAEGATAAASEAAAGASATDEEARDELTEIFKK
IRRKREFRADARAVISLMEMGFDEKEVIDALRVNNNQNAACEWLLGDRKPSPEELDKGIDPDSPLFQAI
LDNPVVQLGLTNPKTLLAFEDMLENPLNSTQWMNDPETGPVMLQISRIFQTLNRT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_057256</u>
RefSeq Size:	1877
RefSeq ORF:	1215
Synonyms:	GBDR1; KPC2; UBADC1
Locus ID:	10422



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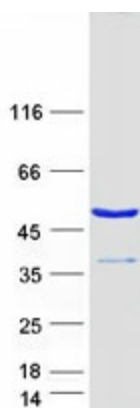
UniProt ID: [Q9BSL1](#), [AOA140VK64](#)

Cytogenetics: 9q34.3

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]).