

Product datasheet for PH301792

UBE2N (NM_003348) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBE2N MS Standard C13 and N15-labeled recombinant protein (NP_003339)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201792
Predicted MW:	17.1 kDa
Protein Sequence:	>RC201792 protein sequence Red=Cloning site Green=Tags(s) MAGLPRRIKETQRLLAEPVPGIKAEPDESNARYFHVVIAGPQDSPFEGGTFKLELFLPEEYPMAAPKVR FMTKIYHPNVDKLGRIKLDILKDKWSPALQIRTVLLSIQALLSAPNPDDPLANDVAEQWKTNEAQAIETA RAWTRLYAMNNI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_003339</u>
RefSeq Size:	2568
RefSeq ORF:	456
Synonyms:	HEL-S-71; UBC13; Ubch-ben; Ubch13; UBCHBEN
Locus ID:	7334
UniProt ID:	<u>P61088</u> , <u>V9HW41</u>



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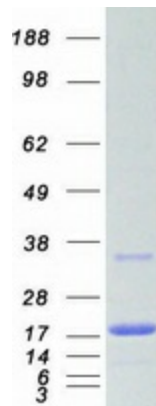
Cytogenetics: 12q22

Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Studies in mouse suggest that this protein plays a role in DNA postreplication repair. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBE2N protein (Cat# [TP301792]). The protein was produced from HEK293T cells transfected with UBE2N cDNA clone (Cat# [RC201792]) using MegaTran 2.0 (Cat# [TT210002]).