

## Product datasheet for PH301824

### UBE2V1 (NM\_001032288) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UBE2V1 MS Standard C13 and N15-labeled recombinant protein (NP_001027459)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201824
Predicted MW:	16.5 kDa
Protein Sequence:	>RC201824 protein sequence Red=Cloning site Green=Tags(s)  MAATTGSGVKVPRNFRLLLEELEGQKGVGDGTVSWGLEDDEMTLTRWTGMIIGPPRTIYENRIYSLKIE CGPKYPEAPPFVRFVTKINMNGVNSSNGVDPRAISVLAKWQNSYSIKVVLQELRRLMMSKENMKLPQPP EGQCYSN  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- 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:	<a href="#">NP_001027459</a>
RefSeq Size:	2158
RefSeq ORF:	441
Synonyms:	CIR1; CROC-1; CROC1; UBE2V; UEV-1; UEV1; UEV1A
Locus ID:	7335
UniProt ID:	<a href="#">Q13404</a>



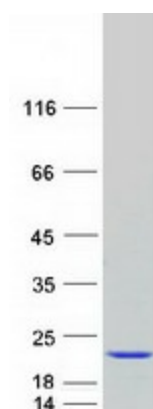
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**Cytogenetics:** 20q13.13

**Summary:** Ubiquitin-conjugating E2 enzyme variant proteins constitute a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. The protein encoded by this gene is located in the nucleus and can cause transcriptional activation of the human FOS proto-oncogene. It is thought to be involved in the control of differentiation by altering cell cycle behavior. Alternatively spliced transcript variants encoding multiple isoforms have been described for this gene, and multiple pseudogenes of this gene have been identified. Co-transcription of this gene and the neighboring upstream gene generates a rare transcript (Kua-UEV), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq, Apr 2012]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified UBE2V1 protein (Cat# [TP301824]). The protein was produced from HEK293T cells transfected with UBE2V1 cDNA clone (Cat# [RC201824]) using MegaTran 2.0 (Cat# [TT210002]).