

## Product datasheet for PH323133

### UBE2V1 (TMEM189-UBE2V1) (NM\_199203) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TMEM189 MS Standard C13 and N15-labeled recombinant protein (NP_954673)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223133
Predicted MW:	42 kDa
Protein Sequence:	>RC223133 representing NM_199203 Red=Cloning site Green=Tags(s)  MAGAEDWPGQQLLEDEDEASCCRWGAQHAGARELAALYSPGKRLQEWC SVILCFSLIAHNLVHLLLLARW EDTPLVILGVVAGALIADFLSGLVHWGADTWGSVELPIVGKAFIRPFREHHIDPTAITRHDFIETNGDNC LVTLLPLLNMAYKFRTHSPEALEQLYPWECFVFLIIFGTFTNQIHKWSHTYFGLPRWVTLQDWHVILP RKHHRIHHVSPHETYFCITTVGVKVPNFRLLLEELEEGQKGVGDGTVSWGLEDDEDMTLTRWTGMIIGPPR TIYENRIYSLKIECGPKYPEAPPFVRFVTKINMNGVNSSNGVVDPR AISVLAKWQNSYSIKVVLQELRRL MMSKENMKLPQPPEGQCYSN  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_954673</a>
RefSeq Size:	2852
RefSeq ORF:	1110
Synonyms:	CROC-1B; CROC1B; KUA-UEV; TMEM189-UBE2V1
Locus ID:	387522



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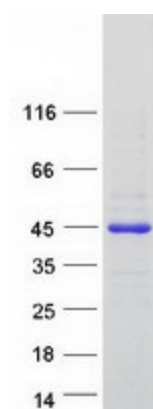
UniProt ID: [Q13404](#), [A5PLL7](#)

Cytogenetics: 20q13.13

**Summary:** The TMEM189-UEV mRNA is an infrequent but naturally occurring read-through transcript of the neighboring TMEM189 and UBE2V1 genes. 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 produced by this transcript has UEV1 B domains but the protein is localized to the cytoplasm rather than to the nucleus. The significance of this read-through mRNA and the function of its protein product has not yet been determined. [provided by RefSeq, Oct 2010]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified TMEM189-UBE2V1 protein (Cat# [TP323133]). The protein was produced from HEK293T cells transfected with TMEM189-UBE2V1 cDNA clone (Cat# [RC223133]) using MegaTran 2.0 (Cat# [TT210002]).