

## Product datasheet for **TP720973**

### **UBE2V1 (TMEM189-UBE2V1) (NM\_199203) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human TMEM189-UBE2V1 readthrough (TMEM189-UBE2V1)
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Ala2-Asn147
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	17.5 kDa
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_954673</a>
<b>Locus ID:</b>	387522
<b>UniProt ID:</b>	<a href="#">Q13404</a> , <a href="#">A5PLL7</a>
<b>RefSeq Size:</b>	2852
<b>Cytogenetics:</b>	20q13.13
<b>RefSeq ORF:</b>	1110
<b>Synonyms:</b>	CROC-1B; CROC1B; KUA-UEV; TMEM189-UBE2V1



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**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