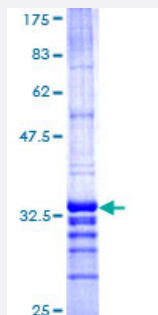


# Kua-UEV (Human) Recombinant Protein (Q01)

Catalog # H00387522-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human Kua-UEV partial ORF ( NP_954673, 94 a.a. - 164 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	VHWGADTWGSVELPIVGKAFIRPFREHHIDPTAITRHDFIETNGDNCLVTLLPLLNMAYKFRTHSPE ALEQ
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	33.55
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — TMEM189-UBE2V1

**Entrez GeneID** [387522](#)

**GeneBank Accession#** [NM\\_199203](#)

**Protein Accession#** [NP\\_954673](#)

**Gene Name** TMEM189-UBE2V1

**Gene Alias** CROC-1B, Kua-UEV, UBE2V1

**Gene Description** TMEM189-UBE2V1 readthrough transcript

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The TMEM189-UEV mRNA is an infrequent but naturally occurring co-transcribed product 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 co-transcribed mRNA and the function of its protein product has not yet been determined. [provided by RefSeq]

**Other Designations** OTTHUMP00000031797|ubiquitin-conjugating enzyme E2 variant 1

## Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)