

Product datasheet for SC313174

UBE2V1 (TMEM189-UBE2V1) (NM_199203) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2V1 (TMEM189-UBE2V1) (NM_199203) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2V1
Synonyms:	CROC-1B; CROC1B; KUA-UEV; TMEM189-UBE2V1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313174 representing NM_199203. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGGCGCCGAGGACTGGCCGGGCCAGCAGCTGGAGCTGGACGAGGACGAGGCGTCTTGTGCCGC
TGGGGCGCGCAGCAGCCGGGGCCCGGAGCTGGCTGCGCTCTACTCGCCAGGCAAGCGCCTCCAGGAG
TGGTGCTCTGTGATCCTGTGCTTCAACCTCATCGCCACAACCTGGTCCATCTCTGCTGCTGGCCCGC
TGGGAGGACACACCCTCGTCATACTCGGTGTTGTTGCAGGGGCTCTCATTGCTGACTTCTGTCTGGC
CTGGTACACTGGGGTGTGACACATGGGCTCTGTGGAGCTGCCATTGTGGGGAAGGCTTTCATCCGA
CCCTTCCGGGAGCACCACATTGACCCGACAGCTATCACACGGCAGGACTTCATCGAGACCAACGGGGAC
AACTGCCTGGTGACACTGCTGCCGCTGCTAAACATGGCCTACAAGTCCGCACCCACAGCCCTGAAGCC
CTGGAGCAGCTATACCCCTGGGAGTGCTTCTGCTTCTGCTGATCATCTTCGGCACCTTCAACAACCAG
ATCCACAAGTGGTCGCACACGTAATTTGGGCTGCCACGCTGGGTACCCTCCTGCAGGACTGGCATGTC
ATCCTGCCACGTAACACCATCGCATCCACCAGTCTCACCCACGAGACCTACTTCTGCATCACCACA
GGAGTAAAAGTCCCTCGCAATTTCCGACTGTTGGAAGAACTCGAAGAAGGCCAGAAAGGAGTAGGAGAT
GGCACAGTTAGCTGGGGTCTAGAAGATGACGAAGACATGACACTTACAAGATGGACAGGGATGATAATT
GGGCCTCCAAGAACAATTTATGAAAACCGAATATACAGCCTTAAAATAGAATGTGGACCTAAATACCCA
GAAGCACCCCTTTGTAAGATTTGTAACAAAAATTAATATGAATGGAGTAAATAGTTCTAATGGAGTG
GTGGACCCAAGGCCATATCAGTGTAGCAAAAATGGCAGAAATTCATATAGCATCAAAGTTGTCTGCAA
GAGCTTCGGCGCCTAATGATGTCTAAAGAAAATATGAAACTCCCTCAGCCGCCCGAAGGACAGTGTAC
AGCAATTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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ACCN:	NM_199203
Insert Size:	1113 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_199203.2</u>
RefSeq Size:	2925 bp
RefSeq ORF:	1113 bp
Locus ID:	387522
UniProt ID:	<u>Q13404</u>
Cytogenetics:	20q13.13
Protein Families:	Transmembrane
MW:	42.2 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>