

Product datasheet for SC113536

UEVLD (NM_018314) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: UEVLD

Synonyms: ATP; UEV3

Mammalian Cell None

Selection:

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC113536 sequence for NM_018314 edited (data generated by NextGen Sequencing)

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ATGGAGTTCGACTGCGAGGGCCTGAGACGGCTGCTTGGCAAGTACAAGTTCAGGGACCTA
ACTGTGGAAGAACTACGGAATGTAATGTATTTTCCACATTTCAAATATTCCATGGAC
ACCTATGTTTTAAAGATAGTTCTCAGAAAGACCTGCTGAATTTACTGGCACAATTCCT
GTGATGTATCAGGGTAATACATATAACATACCAATTCGTTTCTGGATTTTGGATTCTCAC
CCTTTTCGCTCCCCCTATTGCTTCTTGAAGCCAACTGCAAATATGGGAATCTTAGTCGGA
AAACATGTGGATGCTCAAGGCAGAATATATTTGCCCTATCTCCAAAACCTGGAGCCATCCT
AAATCTGTCATTGTTGGATTAATTAAGAAATGATTGCCAAGTTTCAAGAGGAACCTCCC
ATGTATTCTCTATCATCTGATGAGGCACGGCAGGTAGACTTGCTAGCCTATATTGCA
AAAATCACTGAAGGTGTTTCAGATACAAATTCAAAGAGCTGGGCAATCATGAGAATAAA
ACAGTCAATAAAATTACTGTGGTTGGAGGTGGAGAACTCGGTATTGCCTGCACATTAGCA
ATTTTCAGAAAGGGTATTGCAGACAGGCTTGCTCTCTAGACCTCTCAGAAGGGACTAAA
GGAGCCACGATGGACCTTGAAATCTTCAACCTTCTAATGTGGAGATCAGCAAAGATTG
TCTGCCTCTGCTCATTCCAAGGTGGTGATCTTACAGTCAACTCTTTGGGTAGTTCTCAG
TCGTACCTTGATGTGGTACAGAGCAATGTGGATATGTTTCAGAGCCCTTGTCAGCTCTG
GGACATTATAGTCAACACAGTGTCTGCTCGTTGCATCTCAACAGTGGAAATCATGACC
TATGTAACATGGAAGTACGATACATTTCTGCAATCGAGTATCGGAATTGGATGTAAT
CTGGATTCACAGAGATTACAGTATATTATTACAAATGTTTTGAAGGCACAGACTTCAGGC
AAAGAAGTATGGGTATTGGCGAGCAAGGAGAAGACAAAGTGTCTCATGAGTGGCCAA
GAAGAAGTAGTGAGTCATACCTCTCAAGTGCAGCTGTCCAACAGGGATATTATGATATAA
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Clone variation with respect to NM_018314.3
76 a=>c



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_018314 unedited
 AGCATTATGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGCTGGGACCT
 AGCTCGGGACCGCCTGGAGATGGAGTTCGACTGCGAGGGCCTGAGACGGCTGCTTGGCA
 AGTACAAGTTTCAGGGACCTAACTGTGGAAGAACTACGGAATGTAATGTATTTTCCAC
 ATTTCAAATATTCATGGACACCTATGTTTTAAAGATAGTTCTCAGAAAGACCTGCTGA
 ATTTTACTGGCACAATTCCTGTGATGATCAGGGTAATACATAACATACCAATTCGTT
 TCTGGATTTTGGATTCTCACCTTTTCGCTCCCCCTATTTGCTTCTGAAGCCAACTGCAA
 ATATGGGAATCTTAGTCGGAACATGTGGATGCTCAAGGCAGAAATATTTGCCCTATC
 TCCAAAACCTGGAGCCATCCTAAATCTGTCAATTGTTGGATTAATTAAGAAATGATTGCCA
 AGTTTCAAGAGGAACCTCCCATGTATTCTCTATCATCATCTGATGAGGCACGGCAGGTAG
 ACTTGCTAGCCTATATTGCAAAAACACTGAAGGTGTTTCAGATACAAATCAAAGAGCT
 GGGCAAAATCATGAGAATAAAACAGTCAATAAAATTAAGTGTGGTTGGACGTGGGAACTTC
 GGTATTGCCTGCACTTTACCTAATTCAGCAAAGGTTATTGCAGACAGGCTTGTCTCTTA
 GACCTCTCAGAAGGGACTAATAGAGCCACGATGGACCTTGAATCTTTAACCTTCTTATG
 TGGAAATCAGCAAGATTTGTCTGTCTTTGTTTCATCCCAAGTGGTATCCTTACAGTCAAC
 TTTTGGGGAGTTTACATCGTACCTTGATGTGGTACAAAGCATGTGGATTTGTTACAGAG
 CCCTTTGTCCAGCTTTGGGACATATTACCAACACATGTTCTGCTTGTGGATTTACCCAT
 GGAACATGACCTTTGTAATGGAACCGATTCT

3' Read Nucleotide

Sequence:

>OriGene 3' genomic read for NM_018314 unedited
 TGGACGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGAGACAGAGTCTTGC
 TCTGTGCGCCAGGCTGGAGTGCAGTGGCGCGATCTCTGCTCACTGCAAGCTCCACCTACC
 GGGTTACGCCATTCTCTTGCCTCAGCCTCCGAGTAGCTGGGACTACAGGCACCTGCCA
 CCACGCTGGCTAACTTTTGTATTTTAGTAGAGACAGGGTTTCACCATGTTAGCCAGG
 ATGATCTCAATCTCCTGACCTCGTATCTGCCCCCTCAGCCTCCAAGGTGCTGGGATT
 ACAGGCGTGAGTCACTGCGCCTAGCCCATGTTTGTTTTTATAAAGCATGCCCTTACAT
 GAGAATGAAAGTAATCCTTTCATGGTGTACAGGACCCAGCTTTAGGGTCTTTTGATAAC
 TATTTTGGCTATTAAGCCTTTTCCCCCTTTAGTGCTAGAAAAAGTAGAGTTGTATGG
 ATAAGTGCCCTTAATAGCCAAAGACTTCTTGAGGACTAAACCTCAATTTCTTTTATAAA
 ATGATGATGGCAATAGTCCCTACCTCAGTGGTCTGTTGTGAGGATTCAGTAAAAATAAA
 AGTGCTTATCATGCTGCCTGGTATATGAAGTGTGATGTTAACTGTTACTACTAGTTG
 TATGTCACAATAGTAATAAAGCTATCTTTCACATAAGAAAATATTGCTCTTGATCCAT
 CACCAAGTGCGTGTACTCTGAAGTATCATCAGGAGAGGTTAAAGGATTTGCTCAGAA
 CAAATAAAACCTCTNCCTATTATGACCAATGTNTTAAATGAAAATCTCATATTTGGCT
 TTAAAGTAAGGCGGCTGGGCTTTCATTCAATCTATTTCCACTAAAATATACATTTGCT
 NATGGTTCCACTATATCACCATTAGTTATGAGATCTGGGAGATACTGTATACTCCAGAAG
 AGGTATGCAACATTCTAAAGGAGTCCACTGCAAATAAGA

Restriction Sites:

NotI-NotI

ACCN:

NM_018314

Insert Size:

3100 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).

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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_018314.2 , NP_060784.2
RefSeq Size:	1984 bp
RefSeq ORF:	1140 bp
Locus ID:	55293
UniProt ID:	Q8IX04
Cytogenetics:	11p15.1
Domains:	Idh
Gene Summary:	Possible negative regulator of polyubiquitination.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an exon in the 3' coding region, which results in a frameshift and an early stop codon, compared to variant 1. The resulting isoform (b) is shorter and has a distinct C-terminus, compared to isoform a. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.