

Product datasheet for SC301479

CLVS2 (NM_001010852) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLVS2 (NM_001010852) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLVS2
Synonyms:	bA160A10.4; C6orf212; C6orf213; RLBP1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301479 representing NM_001010852. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACTCATTTGCAAGCCGGTCTCTCCCCTGAGACCCTGGAGAAAGCTCGCCTGGAGCTCAATGAAAA
CCAGACACGCTGCACCGAGGACATCCAGGAGGTGAGGGATATGGTCATCACCAGGCCGGACATTGGCTTT
CTGCGCACGGATGATGCCTTCATCTTACGCTTCTTGGGGCTAGGAAGTTTCATCACTTTGAGGCCCTTC
CGCCTCTGGCGCAGTACTTTGAGTACCGGCAGCAGAACCTGGACATGTTCAAAAGCTTTAAGGCCACC
GACCCTGGCATCAAGCAGGCACTGAAGGATGGCTTCCCTGGGGGCTGGCCAATCTGGACCACTATGGC
AGGAAGATTCTAGTCCTTTTGTGCAATTGGGATCAGAGCAGGTACACACTGGTGGATATTTTGCCT
GCCATCTTACTTTCTTTAGAAGCCATGATTGAAGATCCTGAGCTTCAAGTGAATGGGTTTGTGTTGATC
ATAGACTGGAGTAACCTCACTTTCAAGCAAGCCTCTAACTCACACCAAGTATGCTGCGATTAGCTATT
GAAGGCCCTGCAGGATAGTTTCCAGCGCGATTTGGAGGAATTCATTTTGTCAATCAACCATGGTATATC
CATGCCCTGTACACCGTATCCGGCCTTTCCTGAAGGAGAAAACTCGGAAAAGGATATTTTGCATGGT
AACAACTGAACAGTCTACCACTAATTATCCTGAGATCCTGCCCTCTGAGTTTGGAGGAATGCTG
CCTCCTTATGACATGGGACATGGGCAAGAACTGCTAGACCATGAATATGACGATGACAGCGAGTAC
AATGTAGACTCCTACAGCATGCCTGTGAAGGAAGTAGAGAAGAACTCTCCCAAAGTCCATGAAGAGA
TCTCAATCAGTAGTGGATCCTACAGTACTAAACGCATGGATAAAATGAGGAAGAAAACATGCAACCA
TTGCTTTCTCTGGACTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCGGC

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001010852
Insert Size:	984 bp


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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:	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_001010852.3</u>
RefSeq Size:	11493 bp
RefSeq ORF:	984 bp
Locus ID:	134829
UniProt ID:	<u>Q5SYC1</u>
Cytogenetics:	6q22.31
MW:	38 kDa
Gene Summary:	This gene encodes a protein that belongs to the SEC14/CRAL-TRIO family of proteins. A similar protein in rat is thought to function in the endosomal pathway between early endosomes and mature lysosomes. [provided by RefSeq, Aug 2013]