

Product datasheet for SC310509

Clavesin 1 (CLVS1) (NM_173519) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clavesin 1 (CLVS1) (NM_173519) Human Untagged Clone
Tag:	Tag Free
Symbol:	Clavesin 1
Synonyms:	C6orf212L; CRALBPL; RLBPL1L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310509 representing NM_173519. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGACCACTCTCTCTTCTTCCAAATATCAGAAGTTAAACACTTGGAACGGAGATTTGGCCAAGATG
ACCCATTTACAGGCTGGACTCAGTCCAGAGACTATAGAGAAAGCTCGCCTGGAAGTGAATGAAAACCCC
GATGTTTTACATCAGGATATTCAGCAAGTCAGGGACATGATCATCACCAGGCCTGACATTGGATTTTGA
CGTACAGATGATGCCTTCATCCTGAGATTTCTCCGAGCCAGGAAGTTTACCAAGCGGATGCCTTTAGA
CTCCTGGCTCAGTATTTCCAGTACCGCCAGCTAAACCTGGACATGTTCAAAAACCTCAAGGCAGATGAT
CCCGGCATTAAGAGGGCTCTGATCGATGGGTTCGCCGGGTGCTGGAAAACCGAGACCATTACGGCAGG
AAGATTCTTTTGCTGTTTGCAGCAATTGGGATCAGAGTAGGAACCTCTTACAGACATCCTTCGTGCC
ATCCTGTGTGTCATTGGAAGTCCTAATCGAAGATCCGGAGCTTCAGATAAATGGCTTCATTTTAATTATA
GACTGGAGTAATTTTCTTCAACAAGCCTCCAAACTGACACCTTCAATCCTTAAACTGGCCATTGAA
GGGTTGCAGGACAGCTTTCTGCCCGCTTTGGAGGAGTCCACTTTGTCAACCAGCCCTGGTACATTCAT
GCCCTCTACACTCATCAAGCCATTTCTTAAAGACAAGACCAGGAAACGGATTTTCTGCATGGAAC
AATTTAAACAGCCTTCACCAGCTAATACACCCTGAATTTTGCCTCTGAATTTGGAGGAACCTTCTCT
CCTTATGACATGGGAACCTGGGCCCGGACGTTACTCGTCCCGACTACAGCGATGAAAATGACTATACT
CACACATCCTATAATGCAATGCAGTGAAGCATACGTCTCGAATCTGGAGAGAGAATGCTCACCCAAG
CTGATGAAAAGATCTCAGTCTGTGGTAGAAGCTGGGACCCTGAAACATGAGGAGAAGGGAGAGAATGAG
AACACCCAGCCACTCCTGGCTCTGGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites:	SgfI-MluI
ACCN:	NM_173519


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Insert Size:	1065 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:	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_173519.2</u>
RefSeq Size:	3506 bp
RefSeq ORF:	1065 bp
Locus ID:	157807
UniProt ID:	<u>Q8IUQ0</u>
Cytogenetics:	8q12.2-q12.3
MW:	40.8 kDa
Gene Summary:	Required for normal morphology of late endosomes and/or lysosomes in neurons (By similarity). Binds phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P2).[UniProtKB/Swiss-Prot Function]