

Product datasheet for MC212850

Clrn1 (NM_153386) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clrn1 (NM_153386) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clrn1
Synonyms: A130002D11Rik; clarin-1; USH3; Ush3a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212850 representing NM_153386
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGGATCGCC

ATGCCAAGCCAGCAGAAGAAGATCATCTTTTGCATGGCTGGCGTACTGAGCTTTCTCTGTGCTCTTGGAG
 TGGTGACAGCAGTGGCACCCTACTGTGGGTTAAAGCCACTATCCTCTGCAAAACAGGGGCTCTGCTTGT
 CAACGCGTCAGGGAAGGAGCTGGACAAGTTCATGGCGAGATGCAGTATGGCCTTTTCCAGGAGAAGGC
 GTAAGGCAATGTGGGTTAGGAGCAAGGCCCTTCCGGTTTCATGCTCCTGTGGCTGTCTTGTGATGATAT
 TGTTTTGCTCTGAAGTAAAGTCCACCCCTTTTCAGAGAAAATTGCAAATTTTAAAGAAGGGACCTATGC
 CTACAGAACACAAAACGAAAACCTATACCACCTCATTCTGGGTTGTTTTCAATTTGCTTTTTTGTTCATTTT
 TTGAATGGGCTCCTGATACGACTTGCTGGATTCAGTTCCTTTTCAAAAATCTAAAGAAACAGAGACCA
 CTAATGTAGCTTCAGATTTAATGTACTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_153386

Insert Size: 519 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).



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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_153386.3</u> , <u>NP_700435.1</u>
RefSeq Size:	2849 bp
RefSeq ORF:	519 bp
Locus ID:	229320
UniProt ID:	<u>Q8K445</u>
Cytogenetics:	3 D
Gene Summary:	<p>May have a role in the excitatory ribbon synapse junctions between hair cells and cochlear ganglion cells and presumably also in analogous synapses within the retina.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks two in-frame exons in the coding region compared to variant 1. The encoded protein (isoform 3) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>