

Product datasheet for MC225431

Celsr2 (NM_001004177) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Celsr2 (NM_001004177) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Celsr2
 Synonyms: Adgrc2; EGFL2; flamingo; Flamingo1; mfmi1; mKIAA0279
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC225431 representing NM_001004177
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCGGAGCCGGGCTGCCAGCGCCCCCTCCCAACGCCGCTGCTGCCGCTGCTACTGCTGTTGCTGCTGC
 TGCCACCGTCGCCACTACTGGGAGATCAAGTGGGGCCCTGTCGTTCTCTGGGATCCGGGGACGCAGCTC
 CTCTGGGGCTGCGCCCCGTGGGCTGGCTCTGCCAGCCTCTGCTTCGAACCTCTGGCTCTACACCAGC
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 GGGTATCGGAGGACACCTTTCTCCACAAGGCACGCTGACCTGCCTGAAGAGCACCTTGCTTAAAGGCC
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TCCTAGAGAGTGTCCCTTAGGCTACCTTGTCTGCACGTCCAGGCAATTGATGCTGACGCTGGTGATAA
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 TCGCCATGAGCATCAAGGCAGGCACGGTGGATGAGGACTCCTCTGGCTGTGACAGCGACGAACCGTCCAT
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001004177

Insert Size: 8754 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.

RefSeq: NM_001004177.2, NP_001004177.2

RefSeq Size: 10401 bp

RefSeq ORF: 8754 bp

Locus ID: 53883

Cytogenetics: 3 47.02 cM

Gene Summary: Receptor that may have an important role in cell/cell signaling during nervous system formation.[UniProtKB/Swiss-Prot Function]