

Product datasheet for MC225475

Celsr3 (NM_080437) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Celsr3 (NM_080437) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Celsr3
Synonyms:	Adgrc3; flamingo; Fmi1; mKIAA0812
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225475 representing NM_080437 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAGGCGGCTCTATGGTGGGGTCTCCCGGACCGTCGACCCCGTACTACTGCTCCTTCTCCTCT
CTTTGTTCCCTTTTAGCCGGGAGGAGCTGGGGGGCGGTGGGGACCGAGTGGGACCCAGGGGTTGCTAC
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GAAGATGGAGATCTGGCTGGGGTCCAGGAGCTGTCTTCATGAGGCTCCGAGTAGGTAGGCAAAACG
CCCGAATGGTCGAGGGGCCCTGAGCAACCAACCGGAGGTGGTGGTCCAGGCATTGGGTAGTCGCGA
GCAAGAGGCAGGTCAGGGTCCAGGGTATCTGTTATGTTGGCACCCAGAGATCTCCTCTTGTGGGCGGACA
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CGCGTGGACAGGGAACACATGGAAGCTATGAGCTAGTAGAGGCTAGTGACCAGGGCCAGGAGCCTG
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 GGACCAGGTGCCTAGTCGGCACCTTACGGGAGGCCCTTGACCAGCCCACAGCTTCTCAGAGCCAGG
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 CACAGCCTCTGCACTTGGGCCTCCACACCTCGTTCGCCACGTCTCACAGCATCTCGGAGTTGTCACCT
 GATTCAGAAGTCCCAGAAGCGAGGGTCACTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_080437

Insert Size:

9906 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_080437.2, NP_536685.2

RefSeq Size:

11558 bp

RefSeq ORF:

9906 bp

Locus ID:

107934

UniProt ID:

Q91ZI0

Cytogenetics:

9 F2

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