

Product datasheet for **RN205861**

Gpr149 (NM_138891) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr149 (NM_138891) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr149
Synonyms:	leda
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN205861 representing NM_138891
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGTTCTTCTCAGCAACTTAACAATGACTCTAGACTGTGAAAGTAAGTCATAATCTACGGACC
 TTATGAATTCGCCAGAACTCTGACTCTTCTCTCTTTTGCCTGATCTGTTAATGACTCTCGTAGCTCT
 GGTAGGCAGCATTCTCACTGGTTTCTCTGCTCACCATGCAGTACAGAAGTGTGTGTCTATGCTTGTG
 ACCTCTTGGTCTGTGGATGATCTCTGAGCGTCTGTGTCAGTGGCCATCTCATGGTTTTGCAGTGGCCAA
 GAGAGGCCACGGGCTACTTCCAGTCTGTGTACCACCTCGCCTACTGTATATGTGCCAGGGCCTCTC
 CAGCAACTGAAGGCGACTCTTATAGTCTTCTACAACCTTTATACGATGCACAGGACAGTGGTGAGTCAG
 TCAAGCTCCTGGCGATCAGGACAGTACTCGGTGTGGCTTAAACCGTGTGGGCAGTCAGCCTGCTGCTGG
 CCTCGCTCCCGCTGTGCGGCTGGGGTGTCTTCGTGCGCACGCCTGGGGTGCCTGACCGACTGCTCCAG
 CCCATACGTGCTGCTCCTTTCGCGGTGTACGCTTCCGCTTTCGGGCTCCTGGCGGTTCTTCTGTCCCT
 CTACTACCAGCTGCTGTGTTACAGAGGAGCCGCAAGACTCCATGCCAACTACCAGGAAATTTCTCGTG
 GCGCCTCTACTCCTGGGACCCCTGCTGTGGGGAAAGAGTGTCTGTCTGTTGCCAGAGGATGTTGAAAT
 CCCTGCTCTGCCAGGCACTGGGAGCTCCCTGAGCTCCGACATGGTGTTCACCGGGTACGCTGCTGCC
 TCTAGCGCTGGAGCCGGCAAGCGAGAGAATCTCTGGACTCCCCGTGGCTCGAGCAGCTTCCCCGTGAGCC
 TGGCACAGAAGCGCTTTGCTTTGATCCTAGCGTACTAAAGTCATCCTCTGGCTGCCTATGATGATCCA
 CATGGTGGTAAACACGTGGTGGGGTTTCAGAGCCTCCGGTCGATATGCTCAGCTTTCTACTAACCCGTG
 CTGGCCAGCACTGTAACACCAGTGTGGTCTTGTCTAAACGATGGGCCACTTGCCTTGTGGTGCATCA
 TCAACTGCCAGCCTGACACCTACTCCGTTGCATTTCGATGGGAAAAGTCAAAGAGGAAAGGCTTTGAATT
 CAATTTATCGTTCCAACAAGTTATGGACTCTATAAGATGACACATGCAGATTACTATGACGATGATGAT
 GAAAATCCCATATCCTACCACAACCCAAAGAAATATGAGTGTGAAGCTACAAAGGAGCCTCGGGAAGACA
 ACCACGGTGTGTTCAATACCATCACAGTAGAAATCAGCACCACGCCACCGCTGGACAGCGCCACACTGAC
 CGGTGTCAACAAGTGCACCAACACGGATATCCCTGAGCCCAAACAGGCCGTGAGCGAAGAAAAGGGTGCC
 TTTTCTATTAACAGAAATGTGCTATTAACATGGAGAAGCCACCTCGTTTGAAGGTCCAGAGAGACGAC
 TGTCCTATGAGGAGACTCAGAAACCAGATCTTTCAGACTGGGAGTGGTGCAGGAGTAAGTCAGAACGAAC
 ACCTCGCCAGCGTTCTGGTGGTGGGCTGGCTATCCCATTTGTGCGTTCGAAGGACTGTGTCTCTCCAA
 GCACCAACTGGGAAAACCTCTCTTTTCTACTTATGAGGTGAGTGCAGAAAGGCAAAAGATAACCCCGC
 CCTCTAAGAAAATAGAAGTCTATCGATCTAAAAGTGTGGCCATGAACCGAACTCAGAAGAGTCTCCCTC
 CACGTTTGCAGACACCAACGTAAAAATACACTTGAAGTCTTGAATTTGTGACACGATGAGGCTTTA
 GACTGTGTCAATCATCAGCAACATCAGCCAGTCCCTCTACAAAAGTTCGGTCTCCTTCTCTGCGTACT
 CACGGAAGGAAAACAGGTTTGTCTCATGCGACTTAGGAGAACTGCCTCTACTCCCTCTTCTTACCCAC
 AAGTGATCCTGACGGAGATATCAACATCTATCCCAGACACAGTGGAGGCACACAGACAGAACAGCAGG
 CGGCAGCATCAAGACAGGGATGGCTACCAGGAAGAGATCCAGTTGTTAAACAAAGCCTACAGGAAAAGAG
 AAGCAGAAAGCAAGGGTA**ACTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_138891

Insert Size: 2193 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:	<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_138891.1</u> , <u>NP_620246.1</u>
RefSeq Size:	3845 bp
RefSeq ORF:	2193 bp
Locus ID:	192251
UniProt ID:	<u>Q924Y8</u>
Cytogenetics:	2q31
Gene Summary:	induced during early steps of astrocyte differentiation [RGD, Feb 2006]