

Product datasheet for RN201602

Npsr1 (NM_001106808) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Npsr1 (NM_001106808) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Npsr1
 Synonyms: RGD1564154
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN201602 representing NM_001106808
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGGCCAACCTCACAGAGGGCAGCTTTCATGCCAACCAGACTGTGCCGATGCTAGATTCTTCCCCTG
 TAGCTTGACTGAAATTGTGACTTTCACCTGAAGCGCTGGAGGCTGAGGAGTGGGGCTCCTTCTACTCGTC
 CTTAAGACAGAGCAGCTGATAACCCTGTGGTCTGTTGTCTTCACTATTGTGGGAAACTCGGTCGTG
 CTGTTCTCCACATGGAGAAGAAAAGAAAGTCCAGAATGACCTTCTTTGTGACTCAATTGGCCATCACAG
 ACTCCTTACAGGCTGATCAACATCCTGACAGACATTATTTGGCGATTCACGGGAGACTTCATGGCCCC
 TGACCTGGTCTGCAGAATCGTCCGCTACTTACAGGTTGTCTGCTTTATGCCTCTACCTATGCTCCTGGTG
 TCCTCAGCATAGACAGATACCATGCCATCGTTTACCCCATGAAATTCCTTCAAGGAGAGAAGCAAGCCA
 AAGTCTCATCGGAATAGCATGGAGCCTCCTTCTGTTCTCCATCCCCACACTGATCATATTTGGGAA
 AAGGACACTTTCCAATGGTGAGGTACAGTGTGGCAGACTCTACTGGACCCCATAT
 ATGACCATCGTTGCCTTCTGGTGTACTTATCCCCTTGACAATTATCAGCGTCTATGGCCTTGTGA
 TCCGAATATTTGGATTAAGCAAGCCCATGAGACGGTGATTTCCAAGTCTCAGATGGAGAATATG
 CTGCAGCTACAACCGAGGCTCATCTCAAAGCAAAAATCAAGGCCATCAAGTACAGCATCGTCATAATC
 CTTGCTTTCATCTGCTGGAGTCCATACTTCTTTGACATGTTAGACAATCAACCTCCTTCCAG
 ACACCAAGGAGCGTTTCTATGCCTCTGTGATTATCCAGAACCCTGCCTTGAACAGTGCCATTAAACC
 CCTCATCTACTGCATCTTACGCGCTCCCTCTGCTCCCCCTGCAAGGTGCAAAGTCCCAGGATTCCAGA
 ATGACGTACCGAGAGAGAAGCGAGAGGCATGAGATGCAGATTCTCTCAAGCCTGAATTCATCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1936_e08.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001106808
Insert Size:	1116 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_001106808.1 , NP_001100278.1
RefSeq Size:	3668 bp
RefSeq ORF:	1116 bp
Locus ID:	300458
Cytogenetics:	8q13