

Product datasheet for RN200539

Polr2m (NM_183402) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Polr2m (NM_183402) Rat Untagged Clone
Tag: Tag Free
Symbol: Polr2m
Synonyms: Glurr; Grinl1a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200539 representing NM_183402
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCTCGCTGCCCCGGGCTTCGAGCCCCAGCTCCCAGGACTTGGGGCGGCAGAGTTCGGCGGAGC
 TCGGGGAGAGTTGAGGGCCAGGAGAGACTTTTGCACAACGAAAAATTCATTTGCAAAATGCCCGACAA
 AGGTAAAAAGATCTCAGACACCATTGCCAACTGAAAGCTGCCATTTCAGAACGTGAAGAGGTGAGAGGG
 AGAACTGAACTATTTTCATCCTGTTAGTGTAGACTGTAAGCTAAGGCATAAAGCAACCACAAGAGTTGATA
 CCGACATAGACAAGGCCAGAATTCTGACCTGATGCTTGATACTTCATCATTAGTTCCCTGAATGTTCCCTC
 AGTAGACATTGAATCATCTAAAACAACCTCAGAAACACAGGGACCTACACATCTCACTCACAAGGCAAT
 GAAGAGACTTTGGCGACTGGCTGCACAGTGAATACCTGCCGCTGCCCCGCATCACAACCCAGGATCCCT
 CATCTGAAGTTAATGAACATCTCCCCAGCATTCAAGTCAAGTGAAGAGATTTCCAGCAGCGTCGACAG
 TCTGTTTATCACTAAATGCAAAAGATCACAATTGCAGACCAGACTGAACCCTCAGAAGAAAACACCAGC
 ACTGAGAACTTTCCAGGACTGCAGAGTGAGACTCCTAAGAAGCCTCATTACATGAAAGTGCTAGAAATGC
 GAGCTAAAAACCCAGTGCCCCCTCCTCATAAGTTAAGACCAATGTGTTACCCACACAACAGAGTGACTC
 ATCAAGTCATTGTCAAGGGTCACTCTCTGCTTCTCAGAAGAGCATCGACGCAGGGCTAGGCAGCAT
 CTTGATGATGTTACAGCAGCAGCCTTCTTCCGCTCCACCACCTGCCTGCACAGCTGCTCTCCATAGAAG
 AGTCGCTGGCTCTGCAGAAAGAGCAGAAGCAGAATTATGAGGAGATGCAGGCGAAGCTCGCAGCACAGAA
 ACTAGCCGAGAGACTGAATATTAATAATGCAGAGCTTCAATCCAGAAGGGGAGTCTTCAGGGAGATACCGA
 GAAGTGAGGGATGAAGATGATGCCAGTCTCGGACGAATGCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_183402



[View online »](#)

Insert Size:	1095 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_183402.1, NP_899652.1</u>
RefSeq Size:	2084 bp
RefSeq ORF:	1095 bp
Locus ID:	192147
UniProt ID:	<u>Q91XQ4</u>
Cytogenetics:	8q24
Gene Summary:	putative glutamate receptor that may have a role in susceptibility to autism [RGD, Feb 2006]