

Product datasheet for **RR205800**

Ag rn (NM_175754) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ag rn (NM_175754) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ag rn
Synonyms:	AGR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR205800 representing NM_175754 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGGATCGCC**

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Protein Sequence:

>RR205800 representing NM_175754
 Red=Cloning site Green=Tags(s)

MPPLPLEHRPRQEPGASMLVRYFMIPCNICILLATSTLGFVLLFLSNYKPGIHFTAPPTPPDVCGRM
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 DPCANVTCFSGSTCVPSADGQTASCLPPTFCGAPDGTVCSDGVDYDYPSECQLLSHACASQEHIFKFFNG
 PCDPCQGSMSDLNHCIVNPRTRHPEMLLRPENCPAQHTPICGDDGVTYENDCVMSRIGATRGLLLQKVR
 SGQCQTRDQCPECTCFNSVCLSRGRPHCSCDRVTCDSYRVPVCAQDGHYNNDCWRQQAECRQRAIPP
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 CESQQELVYAAQACRGP TLAPLLPVAFPHCAQTPYGCCQDNFTAAQGVGLAGCPSTCHCNPHGSYSGTC
 DPATGQCSCRPGVGLRCDRCEPGFVNFVIRGIVTDGHSCTPCSCDPRGAVRDDCEQMTGLCSCRPGVAGP
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 ALGTWVRVFLERNRKGALQVGDGPRVLGESPKSRKVPHTMLNLKEPLYIGGAPDFSKLARGAAVSSGFS
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_175754.1</u> , <u>NP_786930.1</u>
RefSeq Size:	7286 bp
RefSeq ORF:	5823 bp
Locus ID:	25592
UniProt ID:	<u>P25304</u>
Cytogenetics:	5q36
MW:	206.6 kDa
Gene Summary:	may play a role in synapse development and regeneration [RGD, Feb 2006]