

Product datasheet for **RN212700**

Psen2 (NM_031087) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psen2 (NM_031087) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psen2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212700 representing NM_031087 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTCACATTATGGCCTCTGATAGCGAGGAAGAGGTGTGCGATGAGCGGACGTCCTTGATGTCAGCCG
AGAGCCCTACATACGTTCTGCCAGGACAGCAGGCCAGGCCAGAGGATGGAGAGAACACTGCCAGTG
GAGGAGCCAGGAGAACGAGGACGACTGTGAGGAGACCCGACCCTATGCCTGCAGTGGGTTCTCTGGG
CGACCATCGGGCCTGGAGGAGGAGCTGACCCTCAAGTATGGGGCGAAGCACGTCATGCTGTTGCTGC
CTGTACGCTGTGCATGATTGTGGTGGTGGCCACCATCAAGTCCGTGCGTTTCTACACGGAGAAGAACGG
GCAGCTCATCTACACGCCCTTACCAGGACACACCCTCTGTGGGCCAGCGGCTCCTCAACTCCGTGCTG
AACACTCTGATCATGATCAGCGTCATTGTGGTCATGACTATCTTCTAGTGGTACTCTACAAATATCGCT
GTTACAAGTTCATCCATGGCTGGCTGATCATGTCCTCCCTGATGCTCCTTCTTGTTCACCTACATCTA
CCTCGGGGAAGTGTCAAGACCTACAATGTGGCCATGGACTACCCACACTGTTCTGGCTGTCTGGAAC
TTCGGGGCAGTGGGCATGGTGTGCATCCACTGGAAGGGTCCCCTGGTGCCTCCAGCAGGCTTACCTCATTG
TGATCAGCGCACTCATGGCCCTGGTGTTCATCAAGTACCTGCCGGAGTGGTCCGCTTGGGTATCTTGGG
CGCCATCTCTGTGTACGATCTCGTGGCTGTGCTGTGCCCAAAGGGCCACTGAGGATGCTGGTGGAACT
GCCAGGAAAGAAACGAGCCCATATTTCTGCCCTCATATACTCATCTGCCATGGTGTGGACGGTAGGCA
TGGCGAAGCTGGACCCCTCCTCTCAGGGAGCACTGCAGCTCCCTTACGATCCAGAGATGGAAGAAGACTC
CTATGACAGTTTTGGGAACCCTCATACCCTGAAGCCTTCAAGCTCCCCAGCCTGGCTACCCAGGGGAA
GAGCCGGAGGAGGAGGAGGAAAGGGGTGTAAGCTTGGTCTGGGAGACTTCACTTCTACAGCGTTCTGG
TGGCAAGGCAGCAGCCACAGGCAACGGAGACTGGAGCACGACGCTGGCCTGCTTTATCGCCATCCTCAT
TGGCTTGTGTCTACCCCTCCTGCTGCTCGCCGTGTTCAAGAAGGCCCTGCCGCCCTCCCATCTCCATC
ACCTTCGGGCTCATTTTTACTTCTCCACAGACAACCTGGTGCCTTTCATGGACACGTTGGCCTCCC
ACCAGCTCTACATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031087
Insert Size:	1347 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_031087.2</u> , <u>NP_112349.2</u>
RefSeq Size:	1628 bp
RefSeq ORF:	1347 bp
Locus ID:	81751
UniProt ID:	<u>O88777</u>
Cytogenetics:	13q26
Gene Summary:	mutations in human homolog responsible for chromosome 1-linked familial Alzheimer's disease; expression increased during brain development but decreased in the adult [RGD, Feb 2006]