

Product datasheet for **RN207377**

Pars2 (NM_001014064) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pars2 (NM_001014064) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pars2
Synonyms:	RGD1305345
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207377 representing NM_001014064
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAGGTTTGCTGACAAGATGCAGAACACTGTCTGCCTTGGCTACCTGCAGCCTCCGTCCTCCAGGT
GCATTGTCGCAAGTGTACCCTGTGCACCAGGAGAGGGCAGCGCTTGGTAGTATCCCGCATGTTCCA
GCCTCAGAACCTCCGGGAAGACCAGGTGCTTTCTCTGGAGGGCAGAGCTAGTGACCTGACCTGTAAGAGT
CAGCGGCTGATGCTGCAAGTGGGCTGATCCTTCCAGCGAGCCCTGGCTGTTACCACCTCATGCCCTATA
CAGTTCGTGCCGTGGAGAAGCTTGTGCGGGTGATAGACCAGGAGATGCAGGCCATCGGTGGCAGAAAAT
CAACATGCCCAGCCTCAGCCAGCTGAGCTGTGGCGGGCCACCGCCGCTGGGACCTGATGGCAGGGAG
CTGCTGAGACTGAAAGACAGGCACGGCAAAGACTGCTTGGGACCCACTCATGAGGAAGCAGTTACAG
CCCTGGTTGCCTCCAGAAGAACTGCTCTACAAGCAGCTTCCCTTACTGCTGTACCAAGTTACAAGGAA
GTTTCGGGATGAGCCTCGCCCCGTTTTGGTCTCCTCCGTGGCCGAGAGTTCTATATGAAGGACATGTAC
ACCTTTGACTCCTCCTCTGAGGCTGCCAGGAGACCTATAGCCTGGTGTGTGATGCTTATTGTAGGCTTT
TCGACAGGCTGGGGTTGCGATGGATGAAGGCCAGGGCAGATGTGGGCAGCATTGGGGGCACAATGTCCCA
TGAATTCAGCTGCCAGTGGACATTGGAGAGGACCGGCTTGTGGTCTGTCCCAGCTGCCACTTCTCAGCC
AACACAGAGATAGTAGACTTGTCAAAAAATCTGCCCTGACTGCCAGGGTCCCCGACAGAAACCAAAG
GCATCGAGGTGGGGCACACATTTACCTCGGTACCAAGTACTCTTCCATTTTCAATGCCCACTTTACCAA
TGCCACGGGGAATCTTGTGGCTGAAATGGGGTGCTACGGCCTGGGAGTCACTCGGATCCTGGCTGCT
GCCATCGAAGTTCTCTACAGAAGACTGCATCCGCTGGCCAGCCTCCTGGCTCCTTACCAAGTCTGCA
TCATACCCCTAAGAAGGGTAGCAAGGAGGCAGCAGCCACAGAGATTGTGGAGCGATTATGATGACGT
CACAGAGGCTCTGCCTCAGCTCCGAGGGGAGTTCTGCTGGATGACAGGACCCACCTGACCATTTGAAAC
AGACTAAAAGATGCCAACAAGCTCGGCTACCCCTTGTGATCATTGCAAGCAAGAGGGCCCTGGAGGACC
CTGCGCACTTTGAGGTTTGGTCCAGAACACTGGTGGAGTGGTCTTCTCACAAAGAGGGAGTCATGGA
ACTGCTGACTGGCGTGCATGTTGT**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001014064

Insert Size: 1428 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:

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_001014064.1](#), [NP_001014086.1](#)
RefSeq Size: 3316 bp
RefSeq ORF: 1428 bp
Locus ID: 313429
UniProt ID: [Q5M7W7](#)
Cytogenetics: 5q34