

Product datasheet for **RN210354**

F2r11 (NM_053897) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	F2r11 (NM_053897) Rat Untagged Clone
Tag:	Tag Free
Symbol:	F2r11
Synonyms:	Par-2; Par2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210354 representing NM_053897 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCGAAGTCTCAGCCTGGCGTGGCTGCTGGGAGGTATCACCTTCTGGCGGCCTCGGCCTCCTGCAACC
GGACCGTGAATGCACCGGGACCCAACAGTAAAGGGAGAAGTCTGATTGGCAGATTGGACACGCCCTCC
CATCACTGGGAAAGGGCTCCAGTTGAACCAGGCTTTCCGTTGATGAATTCTCTGCATCCGTCCTCACC
GGGAAGCTGACCACCGTCTTTCCCGGTCACTACATCATTGTCTTTGTAATTGGTTTGCCAGTAATG
GTATGGCCCTCTGGGTCTTCTTCTCCGAACGAAGAAGAAGCACCTGCTGTGATTTACATGGCCAACT
GGCCTTGGCAGACCTCCTCTCTGTCACTGGTTCCCCCTGAAGATCTCCTACCACCTCCATGGCAACGAC
TGGACCTATGGGATGCGCTCTGCAAGGTGCTCATTGGCTTTTTCTACGGCAATATGTAAGTCTCCATCC
TTTTCATGACCTGCCTCAGCGTGCAGAGGTAAGGATCGTGAACCCCATGGGACACTCCAGGAAGAG
GGCCAACATCGCTGTTGGCGTCTCCCTGGCCATCTGGCTCCTGATTTTTCTGGTCACCATCCCTCTGTAC
GTCATGAGGCAGACCATCTACATTCCAGCCTTGAACATCACCACTGTACGACGTGCTGCCGAGGAGG
TCCTGGTGGGGACATGTTCAAGTACTTCTCCTCCCTGGCCATTGGAGTCTTTCTGTTCCAGCCCTCCT
TACTGCGTCTGCCTACGTGCTCATGATCAAACGCTCCGTTCTCCGCCATGGACGAGCACTCGGAGAAG
AAAAGGCGGAGGGCTATCCGCCATCATCACGGTGTCCATGTAATCATCTGCTTCCGCTCCAGCA
ACGTGCTGCTCGTCGTGCAATTATTTCTCATCAAAGCCAGAGGCAGCCACGTCTACGCCCTACCT
CGTCGCCCTCTGCCTGTCCACCCTCAACAGCTGCATAGACCCCTTTGTCTACTACTTTGTTTCGAAAGAT
TTCAGGGACCAGGCCAGAAACGCGCTCCTCTGCCGAAGCGTCCGCACCGTAAACGCATGCAGATATCGC
TCACCTCCAACAAGTTCTCCAGGAAATCCAGCTTACTCCTCCAGCTCAACCAGTGTTAAACCTCCTA
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1558_b04.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053897
Insert Size:	1194 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>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).</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_053897.2 , NP_446349.1
RefSeq Size:	3011 bp
RefSeq ORF:	1194 bp
Locus ID:	116677
UniProt ID:	Q63645
Cytogenetics:	2q12
Gene Summary:	G-coupled protein receptor that is activated by coagulation factor II and other serine proteases; may play a role in regulation of exocrine secretion [RGD, Feb 2006]