

Product datasheet for RN208717

F2r (NM_012950) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	F2r (NM_012950) Rat Untagged Clone
Tag:	Tag Free
Symbol:	F2r
Synonyms:	Par1; TRGPC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208717 representing NM_012950 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGCCCCGGCGCTTGTCTCGTCGCGGTTCGGCTCAGCCTGTGCGGTCCTTTGCTGTCTTCCCGG
TTCCTATGAGACAGCCAGAATCTGAGAGGATGTATGCTACGCCGTATGCTACGCCAAACCCCGCTCATT
TTTTCTCAGGAATCCCAGTGAAGATACATTTGAACAGTCCCCCTAGGGGATGAGGAGGAGAAAAATGAA
AGCATACCGCTCGAGGGCAGGGCAGTCTACTTAAATAAAAAGCCGTTTTCTCCCATGCCGCTCCTCCCT
TCATCTCCGAGGACGCCCTCCGGATATCTGACCAGCCCCTGGCTGACGCTTTCATACCCTCCGTGTACAC
GTTTGTGTTTCATAGTCAGCCTTCCCCTGAACATCCTGGCCATCGCTGTGTTTGTCTTTCCGGATGAAGGTC
AAGAAGCCGGCCGTGGTGTACATGCTGCACCTGGCCATGGCCGATGTCCTCTTCGTGTCCGTGCTCCCT
TCAAGATCAGCTACTACTTCTCCGGCACCATTGGCAGTTCGGGTCGGGAATGTGTCGCTTCGCCACCGC
AGCGTTTTATTGTAACATGTACGCCTCCATCATGCTCATGACAGTCATAAGCATTGACCGGTTCTGGCA
GTGGTGTACCCCATCCAGTCCCTGTCTGGCGCACTCTGGGCCGAGCCAACTTCACCTGCGTGGTGCATCT
GGTGATGGCCATCATGGGGTGGTGGCCCTCCTCCTCAAAGAGCAGACCACCCAGGTTCCGGGGCTCAA
CATCACCACCTGCCACGACGTCCTCAACGAGACCCTGCTGCATGGCTTTTACTCGTACTATTTCTCCGCC
TTCTCCGCCATCTTCTTTCTTGTGCCGTTGATCATTTCCACAGTCTGCTACACGTCCATCATCCGATGCC
TCAGCTCCTCCGCGGTGGCGAACCAGGAGCAAGAAGTCGCGGGCTTTGTTCTGTCCGCCCGCTGTTCTG
CATCTTCATCGTCTGCTTTGGGCCACCAACGTCCTCCTGATTGTGCACTACCTGCTCCTCTCCGACAGT
CCTGGCACAGAGACGGCCTATTTTGCTTACCTCCTCTGCGTCTGCGTGAGCAGCGTGAGCTGCTGCATCG
ACCCCTTGATTTACTACTATGCCTCCTCCGAGTGCCAGAAGCACCTTTACAGCATTTTGTGCTGCAGAGA
AAGCTCTGATTTCAACAGTTGCAACAGCACCGGCCAGCTGATGCCAGTAAGATGGATACCTGCTCTAGC
CACCTGAATAATAGCATATACAAAAAGCTACTAGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012950
Insert Size:	1299 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_012950.2</u> , <u>NP_037082.2</u>
RefSeq Size:	3442 bp
RefSeq ORF:	1299 bp
Locus ID:	25439
Cytogenetics:	2q12
Gene Summary:	plays a role in blood coagulation, inflammatory response, and cell proliferation; mediates signal transduction via MAP kinase and other signaling pathways [RGD, Feb 2006]