

Product datasheet for **RN208210**

F11r (NM_053796) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: F11r (NM_053796) Rat Untagged Clone
Tag: Tag Free
Symbol: F11r
Synonyms: Jam1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208210 representing NM_053796
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCACCGAGGGGAAAGCCGGGAGCAAACACTGTTGTTTCTCTTCACGTCTATGATCCTGGGCTCCTTGG
TGCAAGGCAAGGGTTCGGTGTACAGTCCAGACTGCCGTCCAGGTTCTGAGAACGACTCTGTCAAGTT
GCCCTGTATCTACTCTGGCTTCTCCTCACCCCGGTGGAGTGGAAAGTTCGTCCAAGGCAGCACCCTGCG
CTTGTGTGCTATAACAACCAGATCACAGTTCCTATGCAGACCGGTACCTTCTCATCCAGTGGCATCA
CCTTCAGCTCTGTGACCCGAAAAGACAATGGAGAGTATACTTGCATGGTCTCTGAGGACGGGGTTCAGAA
CTACGGGGAGGTCAGATCCACCTCACTGTGCTTGTGCCTCCATCCAAGCCGACAGTCAGTATCCCTCC
TCTGTACCAATTGGGAACAGGGCAGTGTGACCTGCTCAGAACACGACGGTTCCTCTCTGAATATT
CCTGGTTCAAGGATGGGGTACCTATGCTTACAGCAGATGCCAAGAAAACCCGTGCCTTCATCAATCTTC
ATACCCATCGATCCAAAGTCAGGGGATTTGGTCTTTGACCTGTGTGAGCCTTTGATAGTGCGGAATAC
TACTGCGAGGCACAGAACGGGTATGGGACAGCCATGAGGTGAGAGGCTGTACGCATGGAGCTGTGGAGC
TGAAATGTGGGGGCATCGTGGCAGCTGTCTGGTAACTGATTCTCCTTGGACTCCTGATTTTTGGCAT
CTGGTTTGCCTATAGCCGTGGATACTTTGAAAGAACAAAGAAAGGGACTGCACCGGTAAGAAGGTCATT
TACAGCCAGCCAGTGTCTCGCAGTGAGGGAGAATTCAAACAGACCTCGTCATTCTGGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053796
Insert Size: 903 bp



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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:	NM_053796.1 , NP_446248.1
RefSeq Size:	1895 bp
RefSeq ORF:	903 bp
Locus ID:	116479
UniProt ID:	Q9JHY1
Cytogenetics:	13q24
Gene Summary:	Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly. Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier. Ligand for integrin alpha-L/beta-2 involved in memory T-cell and neutrophil transmigration. [UniProtKB/Swiss-Prot Function]