

Product datasheet for **SC117654**

Proteinase Activated Receptor 4 (F2RL3) (NM_003950) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Proteinase Activated Receptor 4 (F2RL3) (NM_003950) Human Untagged Clone
Tag:	Tag Free
Symbol:	Proteinase Activated Receptor 4
Synonyms:	PAR4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117654 sequence for NM_003950 edited (data generated by NextGen Sequencing)

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ATGTGGGGGCGACTGCTCCTGTGGCCCCTGGTGTGGGGTTACAGCCTGTCTGGCGGCACC
CAGACCCCCAGCGTCTACGACGAGAGCGGGAGCACCGGAGGTGGTGATGACAGCACGCC
TCAATCCTGCCTGCCCCCGCGCTACCCAGGCCAAGTCTGTGCCAATGACAGTGACACC
CTGGAGCTCCCGGACAGCTCACGGGCACTGCTTCTGGGCTGGGTGCCACCAGGCTGGT
CCCCCCTCTATGGGCTGGTCTGGTGGGGCTGCCGCCAATGGGCTGGCGTGTGG
GTGCTGGCCACGCAGGCACCTCGGCTGCCCTCCACCATGCTGCTGATGAACCTCGCGGT
GCTGACCTCCTGTGGCCCTGGCGCTGCCCCCGGGATCGCTACCACCTGCGTGGCCAG
CGCTGGCCCTTCGGGGAGGCCGCTGCCGCTGGCCACGGCCGCACTCTATGGTCACATG
TATGGCTCAGTGTGCTGCTGGCCGCCGTGAGCCTGGATCGCTACCTGGCCCTGGTGAC
CCGCTGCGGGCCCGCCCTGCGTGGCCGGCGCCTGGCCCTTGGACTCTGCATGGCTGCT
TGGCTCATGGCGCCGCCCTGGCACTGCCCTGACACTGCAGCGGCAGACCTTCCGGCTG
GCGCGCTCCGATCGCGTCTCTGCCATGACGCGCTGCCCTGGACGCACAGGCCTCCAC
TGGCAACCGGCCTTACCTGCCTGGCGCTGTTGGGCTGTTTCTGCCCTGCTGGCCATG
CTGCTGTGCTACGGGGCCACCCTGCACACGCTGGCGGCCAGCGGCCGGCGCTACGGCCAC
GCGCTGAGGCTGACCGCAGTGGTGTGGCTCCGCCGTGGCTTCTTCTGTCGCCAGCAAC
CTGCTGCTGCTGCTGATTACTCGGACCCGAGCCCGAGCGCTGGGGCAACCTCTATGGT
GCCTACGTGCCCGCCGAGTTTCAAGGACAAGGTGCGGGCAGGGCTCTTCCAACGGTCGCC
GGGACACCGTGGCTCCAAGGCCTCTGCGGAAGGGGGCAGCCGGGCATGGGCACCCAC
TCCTCTTTGCTCCAGTGA

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Clone variation with respect to NM_003950.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003950 unedited
 AAATTGGTTGCACCTACCTTGTCTGCCGTGGCTCCAAAAGTGGGGCTCTAGGTCCGGCGA
 GGCAGGAAGCCTGAGGCCACAGCCAGAGCAGCCTGAGTGCAGTCATGTGGGGGCGACTG
 CTCCTGTGGCCCCGTGGTCTGGGTTTACAGCCTGTCTGGCGGCACCCAGACCCCAAGCGTC
 TACTACTAGAGCGGGAGCACCGGAGGTGGTATGACAGCACGCCCTCAATCCTGCCTGCC
 CCCCAGCGCTACCCAGGCCAAGTCTGTGCCAATGACAGTGACACCCTGGAGCTCCCGGAC
 AGCTCACGGGCACTGCTTCTGGGCTGGGTGCCACCAGGCTGGTGCCCGCCCTCATGGG
 CTGGTCCCTGGTGGTGGGGCTGCCGGCCAATGGGCTGGCGCTGTGGGTGCTGGCCACGCAG
 GCACCTCGGCTGCCCTCCACCATGCTGCTGATGAACCTCGCGGCTGCTGACCTCCTGCTG
 GCCCTGGCGTGGCCCCGCGGATCGCTACCACCTGCGTGGCCAGCGCTGGCCCTTCGGG
 GAGGCCGCTGCCGCTGGCCACGGCCGACTCTATGGTCACATGTATGGCTCAGTGCTG
 CTGCTGGCCGCCGTCAGCCTGGATCGCTACCTGGCCCTGGTGCACCCGCTGCGGGCCCGC
 GCCCTGCTGGCCGGCGCTGGCCCTTGGACTTGCATGGCTGCTGGCTCATGGCGGCC
 GCCCTGGCACTGCCCTGACACTGCAGCGGCAGACCTTCCGGCTGGCGCGCTCCGATCGC
 GTGCTCTGCCATGACCGCTGCCCTGGCGCACAGGCCTCCCCTGGCAACCGCCTTCACT
 GCCTGCGCTGCTGGCTGNTTCTGCCCTGCTGCCATGCTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003950 unedited
 AGATCGAGCTCTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCCCAACAAAATTTGGGATTTTGGGAAAAAAG
 GGGGTTAACCCGGGGGCCAGGCGGGGGGAAACCCCGGGGCCAAAGGGACCCCCCCCCC
 GGGGCCCTAAAAGGGCGGGGAAAACAGGGGGACCCCGAGCCGGGCCCCCCCTTATT
 TAAGGAGGCCCCCCCCCCCGGGGGGAAGGCCCCCCCCCCCAAAGGGCCCCCCCCG
 AGGGACAGGGGAAACCCCTTCCCAAAAAGGCCCCCCCGAGGCCCAAAAAGC
 CCGAAAGGGGGAAAGGGCCCCGGGGAAACCAAAAAACCCCCCACTTTGGGGCCCCG
 GGAAAAAAGAAAGGGGGGCCAGGCCCGGGGGCCCCCTCCAAAAAGCCCGGGAGC
 CCACGGGGCCCCCGGCCACCCGGGAAAAACCCCCCCCCCCCGGGGCCGAAACCCCC
 CCAAACCTTTTATTAAAAAAGGGCCCCCCCCCGGGGGGGGGGCCCCCCCCCCGCGC
 GGGGCGCCGAAGCCCCAAAAAGGGGCCCAAGCCCCGGGGCCCGGGGCCAGAAAGC
 CCCCCCCCCCAGGGGGCGGGCCAAAAAAGCCCCGGGGGGGGCCACCCCCGGG
 GGGCACCCCAACCCCGGGCCAAACCCCCCCCGGGGGCCCCACAGGGGGACGGGGG
 CCCCCGACCACAAAACCGGGGCCCGGGGGGCGAGGAAACACCCCCAC

Restriction Sites:

NotI-NotI

ACCN:

NM_003950

Insert Size:

2200 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:	NM_003950.1 , NP_003941.1
RefSeq Size:	4895 bp
RefSeq ORF:	1158 bp
Locus ID:	9002
UniProt ID:	Q96R10
Cytogenetics:	19p13.11
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
Gene Summary:	<p>This gene encodes a member of the protease-activated receptor subfamily, part of the G-protein coupled receptor 1 family of proteins. The encoded receptor is proteolytically processed to reveal an extracellular N-terminal tethered ligand that binds to and activates the receptor. This receptor plays a role in blood coagulation, inflammation and response to pain. Hypomethylation at this gene may be associated with lung cancer in human patients. [provided by RefSeq, Sep 2016]</p>