

Product datasheet for SC330455

Proteinase Activated Receptor 3 (F2RL2) (NM_001256566) Human Untagged Clone

Product data:

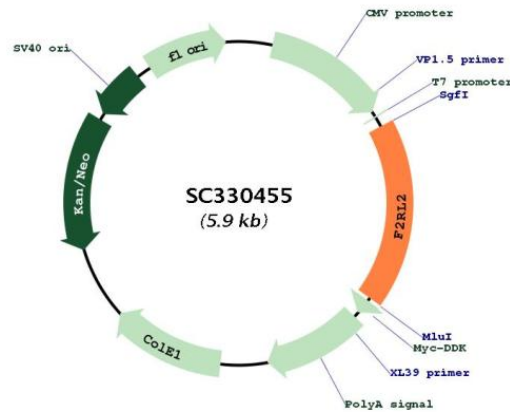
Product Type:	Expression Plasmids
Product Name:	Proteinase Activated Receptor 3 (F2RL2) (NM_001256566) Human Untagged Clone
Tag:	Tag Free
Symbol:	F2RL2
Synonyms:	PAR-3; PAR3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC330455 representing NM_001256566. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAAATGATACAAACAACCTGGCAAAGCCAACCTTACCCATTAAGACCTTTCGTGGAGCTCCCCCA
AATTCTTTTGAAGAGTCCCTTTTCTGCCTTGGAAAGGCTGGACAGGAGCCACGATTACTGTAAAAATT
AAGTGCCTGAAGAAAGTCTTACATCTCCATGTGAAAATGCTACCATGGGTACCTGACCAGCTCC
TTAAGTACTAACTGATACCTGCCATCTACCTCCTGGTGTGTAGTTGGTGTCCCGCCAATGCTGTG
ACCCTGTGGATGCTTTTCTCAGGACCAGATCCATCTGTACCACTGTATTCTACACCAACCTGGCCATT
GCAGATTTTCTTTTGTGTACATTGCCCTTAAAGATAGCTTATCATCTCAATGGGAACAACCTGGGTA
TTTGGAGAGGTCCTGTGCCGGGCCACCACAGTCATCTTCTATGGCAACATGTACTGCTCATTCTGCTC
CTTGCCTGCATCAGCATCAACCGCTACCTGGCCATCGTCCATCCTTTACCTACCGGGCCCTGCCAAG
CACACCTATGCCTTGGTAACATGTGGACTGGTGTGGGCAACAGTTTTCTTATATATGCTGCCATTTTTC
ATACTGAAGCAGGAATATTATCTTGTTCAGCCAGACATCACCACTGCCATGATGTTCAACAACCTTGC
GAGTCTCATCTCCCTTCCAACCTATTACTTCATCTCCTTGGCATTCTTTGGATTCTTAATTCCATTT
GTGCTTATCATCTACTGCTATGCAGCCATCATCCGGACACTTAATGCATACGATCATAGATGGTTGTGG
TATGTTAAGGCGAGTCTCCTCATCCTTGTGATTTTTACCATTTGCTTTGCTCCAAGCAATATTATCTT
ATTATTCACCATGCTAACTACTACTACAACAACACTGATGGCTTATATTTATATCTCATAGCTTTG
TGCTGGGTAGTCTTAATAGTTGCTTAGATCCATTCTTTATTTTCTCATGTCAAAAACCGAAAATCAC
TCCACTGCTTACCTTACAAAATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001256566

Insert Size: 1059 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_001256566.1](#)

RefSeq Size: 3295 bp

RefSeq ORF: 1059 bp

Locus ID: 2151

UniProt ID: [O00254](#)

Cytogenetics: 5q13.3

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

MW: 40.2 kDa

Gene Summary: This gene encodes a member of the protease-activated receptor (PAR) family which is a subfamily of the seven transmembrane G protein-coupled cell surface receptor family. The encoded protein acts as a cofactor in the thrombin-mediated cleavage and activation of the protease-activated receptor family member PAR4. The encoded protein plays an essential role in hemostasis and thrombosis. Alternate splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Feb 2012]
Transcript Variant: This variant (2) uses an alternate exon in the 5' UTR and coding region, compared to variant 1. These differences cause translation initiation at a downstream AUG and result in an isoform (2) with a shorter N-terminus, compared to isoform 1.