

Product datasheet for SC113136

PLSCR4 (NM_020353) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | PLSCR4 (NM_020353) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | PLSCR4 |
| Synonyms: | TRA1 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC113136 sequence for NM_020353 edited (data generated by NextGen Sequencing) |

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ATGTCAGGTGTGGTACCCACAGCCCTGAACAGCCTGCAGGTGAAATGGAAAATCAAACA
AAACCACCAGATCCAAGGCCTGATGCTCCTCCTGAATACAATTCTCATTTTTTACCAGGA
CCCCCTGGAACAGCTGTCCCTCCACCTACTGGCTACCCAGGAGGCTTGCCTATGGGATAC
TACAGTCCACAGCAACCCAGTACCTTCCCTTTGTACCAGCCAGTTGGTGGTATCCATCCT
GTCCGGTATCAGCCTGGCAAATATCCTATGCCAAATCAGTCTGTTCCAATAACATGGATG
CCAGGGCCAACTCCTATGGCAAAGTCCCTCCTGGTCTGGAATACTTAGTTCAGTTGGAC
AACATACATGTTCTTCAGCATTTTGGAGCCTCTGGAATGATGACATGTTTTGAAACTAAT
AATAGATATGATATTAACAACAACCTCAGACCAGATGGTTTACATTGTAACCGAAGACACA
GATGACTTTACCAGGAATGCCTATCGGACACTAAGGCCCTTCGATGCACCTGCTGTTGCTTC
TGTATGGCCGAGAAATCATGACAATGCAGAGACCCTTCAGATGCACCTGCTGTTGCTTC
TGTGCCCCTCTGCCAGACAAGAGCTGGAGGTGCAGTGTCTCCTGGTGTCAACATTGGC
TTTGTGCGGAACATTGGAACTGTGCAGGGCGGTGTACAGCATCCAAAATGAGAAGAAA
GAAAATGTGATGAGAGTTCGTGGCCATGCTCAACCTATGGCTGTGGTTCAGATTCTGTT
TTTGAGGTCAAATCCCTTGATGGCATATCCAACATCGGCAGTATTATCCGGAAGTGGAAAT
GGTTTGTATCAGCAATGGCAGATGCTGACCATTTGACATTCACCTCCCACTAGACCTG
GATGTGAAGATGAAAGCCATGATTTTTGGAGCTTGCTTCTCATTGACTTCATGTATTTT
GAAAGATCTCCACCACAACGTTCAAGATAG

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Clone variation with respect to NM_020353.2



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_020353 unedited GGTTACTAATTGTAAACGACTCACTATAGGCGGCCGCAATTCGCACGAGGGAAGGAGGG TCCAGGCGTGGCCGACCCGCCCCAGAACC CGCCTAGCCCTCCCTCCGCGCGTTAC TTTGTTTATAACTTGAAAAATCTCTCCGTCTCCCTTCCCTGCCTCCTTTCCCTTCCCTT TCCTCTGCCAGTACAAC TAGACCCGGCGTCTGGCGTCCCCGGTGCCAGCATTCTGCGGG GCAGGCGGATTAATTGGAATCTTCAAAATGTCAGGTGTGGTACCCACAGCCCTGAACA GCCTGCAGGTGAAATGGAAAATCAAACAAAACCACCAGATCCAAGGCCTGATGCTCCTCC TGAATACAATTCTCATTTTTTACCAGGACCCCTGGAACAGCTGCCCTCCACCTACTGG CTACCCAGGAGGCTTGCCTATGGGATACTACAGTCCACAGCAACCCAGTACCTTCCCTTT GTACCAGCCAGTTGGTGGTATCCATCCTGTCCGGTATCAGCCTGGCAAATATCCTATGCC AAATCAGTCTGTTCCAATAACATGGATGCCAGGGCCAACCTCTATGGCAAATGCCCTCC TGGTCTGGAATACTTAGTTCAGTTGGACAACATACATGTTCTTCAGCATTNTGAGCCTCT GGAAATGATGACATGTTTTGAACTAATAATAGATATGATATTAACAACACTCAGACCA GATGGTTTACATTGTAACCGAAGACACAGATGACTTTACCAGGAATGCCCTATCGACACT AANGCCCTTCGCTCCGGGTCAGTATTGTATGGCCCGAGAAATCATGACAATGCAGA GACCCTTCAGAGCACCTGCTNGTCTTCTGTTGCCCTCTGCCAGACAAGAGCTGAAGTG CANTGCTCCTGTGN</p> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_020353 unedited TGGACCGCGGGCCGAATCTANAGTCGAGTTTTTTTTTTTTTTTTTCCAGAGATTTGTT TTTTAATCAATCCGATCAATTTTACACAACAAAATATCATTAAAGAAACATAGAAATCATG TGAATTGTATTAATAACTATGACATATGACAATATTATATAAAGAAAATTTAACTCTAAG AGACAAATATAATTTTTTAAAAAAGAAATTAATAATATCACGTCTTATGCTAAATATATA TAGATATATTTATATGATGCAGCAGGTTTTGGAATACAGGGATTTAGGCAAGTTAAAAA TAAAAAGTTTATATGCTTAACTTTCTGAATATTGTTTGTCTGATTTCCCTATTTAAATAT CAGACATCATTATAGGAAATACATAGTCTACTTACGATTGCAATGGCACTTTCAAATATA AGGCAATTAATATTTTAGAAAGCAGCAACTTTTACTTTTTTAAAAAAAAGCTAGTAGC AGCATGTAAAAATGAGCATTACGAGAAACTCAGAAAAACAATTTACCCTGAAAAGATGA ATATAATTAAAAAACAAGCACCTTTTCAATTTCAAAAAGAACTGTAGGCTAAGACCCTCAT CTCAGAATAACCCCATCTAAGAACAACACTCAGGCTTTCTTTATTTAATAAGCAGCAGCAGAA GAATACATCCCATTCTACATACTGACTGTGTTAAAAAAAATGCAGTCCATATGCAGGT AGAAAACATAAGTGCAACAGAAAGCAGTTAATTAGAGTGTACTCACTTATACACTATGCT TTTAATTAGTTACACAATAATGTGATTGATAAATTATTATGGGCCTACTATNNATTACT GGCATGCTGTAGACATAGAGAATAGAATGGTNACTGGNGTTTATTATATACTCTGGGAAG AACATATTATCTTC</p> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_020353 |
| Insert Size: | 3090 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). |

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| 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_020353.1 , NP_065086.1 |
| RefSeq Size: | 3206 bp |
| RefSeq ORF: | 990 bp |
| Locus ID: | 57088 |
| UniProt ID: | Q9NRQ2 |
| Cytogenetics: | 3q24 |
| Domains: | Scramblase |
| Gene Summary: | <p>May mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions that results in a loss of phospholipid asymmetry in the plasma membrane. May play a central role in the initiation of fibrin clot formation, in the activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 all encode isoform a.</p> |