

Product datasheet for **SC108878**

PVRIG (NM_024070) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PVRIG (NM_024070) Human Untagged Clone
Tag:	Tag Free
Symbol:	PVRIG
Synonyms:	C7orf15; CD112R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024070, the custom clone sequence may differ by one or more nucleotides

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ATGAGAACAGAGGCACAGGTGCCGGCCCTGCAGCCCCAGAACCTGGACTGGAGGGGGCCATGGGGCACC
GGACCCTGGTCTGCCCTGGGTGCTGCTGACCTTGTGTGTCACTGCGGGGACCCCGAGGTGTGGGTTC
AGTTCCGATGGAGGCCACCGAGCTCTCGTCCTTACCATCCGTTGTGGTTCTGGGGTCTGGCTCCATC
TCCCTGGTGACTGTGAGCTGGGGGGCCCCAACGGTGTGGGGGACCACGCTGGCTGTGTTGCACCCAG
AACGTGGCATCCGCAATGGGCCCTGCTCGCCAGGCCCGCTGGGAAACCCAGAGCAGCATCTCTCAT
CCTGGAAGGCTCTGGGGCCAGCAGCCCCGCGCCAACACCACCTTCTGCTGCAAGTTTGCCTCCTCCCT
GAGGGCTCCTGGGAGGCCTGTGGGAGCCTCCCGCCAGCTCAGACCCAGGGCTCTCTGCCCGCCGACTC
CTGCCCCATTCTGCGGGCAGACCTGGCCGGGATCTTGGGGTCTCAGGAGTCTCTCTTTGGCTGTGT
CTACCTCCTTCTGCTGCGCCGACATAAGCACCCGCCCTGCCCTAGGCTCCAGCCGTCGCCGACCCAGC
CCCCAGGCACCGAGAGCAGGACATGGGCACCAAGCCAGGCCTCCAGGCTGCTCTTACAGTCCCTTATG
CCACTATCAACACCAGCTGCCGCCAGCTACTTTGGACACAGCTCACCCCATGGGGGGCCGTCCTGGTG
GGCGTCACTCCCCACCCAGCTGCACACCGGCCCCAGGGCCCTGCCGCTGGGCTCCACACCCATCCCT
GCACGTGGCAGCTTTGTCTCTGTTGAGAATGGACTCTACGCTCAGGCAGGGGAGAGGCCTCTCACACTG
GTCCCGCCTCACTCTTTCCCTGACCCCTCGGGGGCCAGGGCCATGGAAGGACCCTTAGGAGTTCGATG
A
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024070 unedited GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTTAAGCGTGGGACCC ACGTCAGATTGGTGGTGGGTCATGCATGCTGGGGTGGCTCTCAGGTCCTCCCTGCTGGCT TCCCACTCCCAGGGGCTTTCTCCTCCCAGATTCTTAGCTGGGTGAGGGGACAGACAGAG CCCTTTCTAGGGAAGCCCGGCACCCCTGCTGTCCAGGGAAGGGGAGTCCTTCTAGCCC CTGACAGCTTCTCTGCCCTCCCCTGGCCTCCCAGGCCTAGCCAGGGTTGAGTTCTCAC CCACCTGTGCCCGCCTGCCTTGTACCTGGAAGCACAGCCTTGGGGACTGAGCAGGCCCT CACTGTCACTTTAAGAAGGGAATCAGCCACTTTGTGCTACCCACCTCTGGGGAAGGTGTG AGAGGAGAGAAGGAAGTGCTGTTTGGCTGCTGACAACATGAAGACTTCCTGCGATGAGA ACAGAGGCACAGGTGCCGGCCTGCAGCCCCAGAACCCGGACTGGAGGGGGCCATGGGG CGCCGGACCTGGCCCTGCCCTGGGTGCTGCTGACCCTGCGTGTCACTGCAGGGACCCCG GAGGTGTGAGTACAAGTTCGGATGGAGGCCACCGAGCTCTCGTCCTTACCATCCGTTGT GGGTTCCTGGAGTCTGCCTCCATCTCCCTGTTGACTGTGAGCCAGGGGGGGCCCCGATGG TGCTGGGGGGGACCACGCTGGCTGTGCTGCACCCCGAAGTGGCATCCACCATGGGCCCC CTGCTCGCCAGGCCCGCCTGGGAACCCANACCCGATCTCTCTCATCCTGGAAGGCCTCG GGNCAACAGCCCTGCGCCACCCACCTTTGCTTGNAGTTTGCCTCCTCCCTGGGCC TCTGGAGGCCTGGGGAGCCCTCCGCCACTCAACCAGGGGGGCGGGTGGG
Restriction Sites:	NotI-NotI
ACCN:	NM_024070
Insert Size:	2750 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_024070.3 , NP_076975.2
RefSeq Size:	1587 bp
RefSeq ORF:	981 bp
Locus ID:	79037
UniProt ID:	Q6DKI7
Cytogenetics:	7q22.1
Protein Families:	Transmembrane

Gene Summary:

Cell surface receptor for NECTIN2. May act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals. Following interaction with NECTIN2, inhibits T-cell proliferation. Competes with CD226 for NECTIN2-binding.[UniProtKB/Swiss-Prot Function]