

Product datasheet for **SC113479**

C9ORF46 (PLGRKT) (NM_018465) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9ORF46 (PLGRKT) (NM_018465) Human Untagged Clone
Tag:	Tag Free
Symbol:	C9ORF46
Synonyms:	AD025; C9orf46; MDS030; Plg-R(KT); PLG-RKT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113479 sequence for NM_018465 edited (data generated by NextGen Sequencing)

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ATGGGGTTTATATTTTCAAATCTATGAATGAAAGCATGAAAAATCAAAGGAGTTCATG
CTTATGAATGCTCGACTTCAGCTGGAAAGCAGCTCATCATGCAGAGTAAATGAGGGAA
AGACAAATGGCCATGCAGATTGCGTGGTCTCGGGAATTCCTCAAATATTTTGAACTTTT
TTTGGCCTTGACCCATCTCTTTAACAGCTGGAGCGATTAAGGAAAGCCAGCCTTC
CTGGTCCCGATTGTTCCATTAAGCTTTATCCTCACCTACCAGTATGACTTGGGCTATGGA
ACCCTTTAGAAAGAATGAAAGGTGAAGCTGAGGACATACTGGAAACAGAAAAGAGTAAA
TTGCAGCTGCCAAGAGGAATGATCACTTTTGAAGCATTGAAAAAGCCAGAAAGGAACAG
AGTAGATTCTTCATAGACAAATGA
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Clone variation with respect to NM_018465.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018465 unedited
 TGTAAACGACTCACTATAGGCGGCCGGAATTCGGCACGAGGCCGGTCCCTGCAGCGGGC
 GAAAGGAGCCCGGGCCTGGAGGTTTGCCTACCGGTGCGCTGGTCCCGGCACCAGCGCCGC
 CCAGTGTGGTTTCCATAAAGGAAGCTCTTCTTCTGCTTGGCTTCCACCTTTAACCTTC
 CACCTGGGAGCGTCTCTAACACATTGAGACTACAAGTCCAGACCCAGGAGCAAGGCC
 CAGAAAAGAGGTCAAAATGGGGTTTATATTTTCAAAATCTATGAATGAAAGCATGAAAAAT
 CAAAAGGAGTTCATGCTTATGAATGCTCGACTTCAGCTGGAAGGCAGCTCATCATGCAG
 AGTGAAATGAGGGAAAGACAAATGGCCATGCAGATTGCGTGGTCTCGGGAATTCCTCAA
 TATTTTGGAACTTTTTTGGCCTTGACGCCATCTCTTAAACAGCTGGAGCGATTAAAAAA
 AAGAAGCCAGCCTTCTGGTCCCGATTGTTCCATTAAGCTTTATCCTCACCTACCAGTAT
 GACTTGGGCTATGGAACCTTTTAAAGAAATGAAAGGTGAAGCTGAGGACATACTGGAA
 ACAGAAAAGAGTAAATTGCAGCTGCCAAGAGGAATGATCACTTTTAAAGCATTGAAAA
 GCCAGAAAAGAACAGAGTAGATTCTTCATAGACAAATGAAATCATGCTTACCCATCAAAT
 CTCCAAGCACAGAAATATTGACTTGAATCATGGTTTTTACAGNTTTTTAAATGCTCAAGA
 TTTTGATATATAGAATTTATTTAACATATAAAATGCCAGATAGTTTGAGCTATTTTAAAT
 AAAATTATACCATCAACACAAATCATGGAGTGCTCTAAAACCTTTAGATTTCTCTTTGG
 GCATAACATATCAAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018465 unedited
 GGCCGCAATCTAGAGTCGAGTT
 TTCCCAGGAATTTCAAAACATTTTATTAATTTTACCCTTAAATTTGGGTAATGCCCCAG
 AGAGAGGAATTCTAAAAGTTTTTAAAGCCCCCATGATTTTGGGTGGAATGTTATAAA
 TTTTATTTTAAAATACCTCAAACTTTTTGCTTTTTAATTTTTAAAATAAAATCTTTA
 TTTTCAAATCTTGACCTTTTAAAAAAGTAAAACCCATGATCAAGCCAATATTTCTG
 GGCTTTGAAATTTGATGGGAAACCATGATTTCTTTTGCCTATAAAAAATCTACTCTGTTC
 CTTTCTGGCTTTTTCAAGGCTTTAAAAGGGATCATTCTTTTGGCAGCTGCAATTTACT
 TTTTTCTGTTTCCAGTATGTCCTAAGTTTACCTTTAATTTTAAAAGGGTTCTTTA
 CCCCAAGTCATACGGGTAGGGGAGGATAAAGCTTAAGGGAACATTCGGGACCAGGAAGGC
 TGGCTTTTTTTTTTAAATCCCTCCACTGTTAAAGAGATGGCTGCAGGGCCAAAAAAGT
 CCCAAAATTTGGAGGAATTCGAGACCCCGCATCTGCTGGCCTTTTGTTTTTCTCT
 TCATTACCTCTGCAAGATGAGCTGCCTTTCCACCTGAATGCGAACCTTTCTTAAACCG
 GAACCNCCTTAAGGATTTTCAAGCCTTCCATCCATAAAATTTAGAGAAATAAAAACCCAC
 TTTTGAACCTTTTTTGGGCGCTCTGTCTTCTCGGGTCCGGGGCCTTGGAAATNCTGGAA
 TGGGGTTAGAAAGACCCTCTCCAGGTGGGAATGGGTTATAGGGCGGAACACCCACCCAG
 AGAAAATAAACCTTCTCTTTGTGAAGAACCACCTTTGGGTGGCGCTTGGGTGCCGGGA
 CACATGAGAACCGGTNTCCACAAACCTTCCAGGCCGGGGTCTTCTTTTCNCCCGTGTGA
 GGAGCCGGCGCTTTGTCGAATATTCGGGGCCGCTCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_018465

Insert Size:

1000 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_018465.1 , NP_060935.1
RefSeq Size:	927 bp
RefSeq ORF:	444 bp
Locus ID:	55848
UniProt ID:	Q9HBL7
Cytogenetics:	9p24.1
Protein Families:	Transmembrane
Gene Summary:	Receptor for plasminogen. Regulates urokinase plasminogen activator-dependent and stimulates tissue-type plasminogen activator-dependent cell surface plasminogen activation. Proposed to be part of a local catecholaminergic cell plasminogen activation system that regulates neuroendocrine prohormone processing. Involved in regulation of inflammatory response; regulates monocyte chemotactic migration and matrix metalloproteinase activation, such as of MMP2 and MMP9.[UniProtKB/Swiss-Prot Function]