

## Product datasheet for **SC322249**

### **C9ORF46 (PLGRKT) (NM\_018465) Human Untagged Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Product Name:</b>	C9ORF46 (PLGRKT) (NM_018465) Human Untagged Clone
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	C9ORF46
<b>Synonyms:</b>	AD025; C9orf46; MDS030; Plg-R(KT); PLG-RKT
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-AC (PS100020)
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for SC322249  
GGAGCCCGGGCTGGAGTTTGGGTACCGGTGCGCTGGTCCCGGCACCAGCGCCGCCAG  
TGTGGTTTCCCAT AAGGAAGCTCTTCTCCTGCTTGGCTTCCACCTTTAACCTTCCACC  
TGGGAGCGTCCTTAACACATTCAGACTACAAGTCCAGACCCAGGAGAGCAAGGCCCAGA  
AAGAGGTCAAAATGGGGTTTATATTTTCAAATCTATGAATGAAAGCATGAAAAATCAAA  
AGGAGTTCATGCTTATGAATGCTCGACTTCAGCTGAAAGGCAGCTCATCATGCAGAGTG  
AAATGAGGGAAAGACAAATGGCCATGCAGATTGCGTGGTCTCGGGAATTCCTCAAATATT  
TTGGAACTTTTTTGGCCTTGCAGCCATCTCTTAAACAGCTGGAGCGATTAATAAAGAA  
AGCCAGCCTTCTGGTCCCGATTGTTCCATTAAGCTTTATCCTCACCTACCAGTATGACT  
TGGGCTATGGAACCTTTTAGAAAGAATGAAAGGTGAAGCTGAGGACATACTGGAACAG  
AAAAGAGTAAATTGCAGCTGCCAAGAGGAATGATCACTTTTGAAGCATTGAAAAAGCCA  
GAAAGGAACAGAGTAGATTCTTCATAGACAAATGAAATCATGCTTACCAATCAAATCTCA  
AAGCACAGAATTATTGACTTGAATCATGGTTTTTACAGTTTTTTAAATGCTCAAGATTTT  
GATATTATAGATTTTATTTTAAATATTTAAATGCAAGATAGTTTTGAGCTATTTTAAAA  
TAAATTTATAACATTCAACACAAAATCATGGAGGTGCTCAAATAACTTTTAGATTTCC  
TCTCTGTGTGCATTACCAATATCTAAGTGTAATAAATAAATTGTTTTGAATTCCTG  
GAAAAAAAAAAAAAAAAA

<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_018465
<b>OTI Disclaimer:</b>	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).



[View online »](#)

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_018465.1</a></u> , <u><a href="#">NP_060935.1</a></u>
<b>RefSeq Size:</b>	927 bp
<b>RefSeq ORF:</b>	444 bp
<b>Locus ID:</b>	55848
<b>UniProt ID:</b>	<u><a href="#">Q9HBL7</a></u>
<b>Cytogenetics:</b>	9p24.1
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	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]