

## Product datasheet for **SC125838**

### KIAA0649 (PPP1R26) (NM\_014811) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** KIAA0649 (PPP1R26) (NM\_014811) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** KIAA0649  
**Synonyms:** KIAA0649; NRBE3  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_014811 edited  
TTGGCAGCTATCGCTGTTTTGTAGCTGCATCATGCCCATGTGCTTTCTTTCCGCCCAGGAT  
GTGAAGCCGGTAGAGAAATAAAGCATCGCCCTCTGCGCGCCCTCCCGTCTGCTAGAA  
TGTTTTCTCATGAACGCTTCTCCAGTGGTTGCTCTCCAGTCCAAATGGGAGGCCTTTGGCC  
CGCCAGGGAGCTGTAGGTTCCCCAGGTGCTTCTCGGAGGCTGACGAGGGCGTGGAGAGCG  
CGTCGGTGAGCGCCGGGTGAGATGCTTATCAGCACTCTGCAGCGCAGCGGGGCTGCTC  
GGGGCACCAGCGATGAGCGCGCCGACAGAGGGGCCACAGGGCAGAGGGATGCCACGACG  
CCAGGCCGGCTGCCAAGCCACCGTGCACAAGGAGCCACCCGCGTTGGCTGCCTGTGGTC  
TCGTTGCTGACTTTGACCCCATGGGGGAGGAGGAACTACAGACTTTGGCCGTTGGTGC  
TAGATTACAGACAGTGATGATTCGTGGACAGGGACATTGAGGAGGCCATCCAGGAGTACC  
TGAAGGCAAAGAGTGGAGCCGCACAGCCCGGGGCGGGCGGGCCAGCCAGGTGCAGCCC  
AGCCTTCCAGGGCCGAGGCGGAGGCAGTATGTAAGCCGGAACCGGCTCACGGCAGTG  
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AGGTGGGATCCAGCGAGGACCAGGGCTCCCGCTCCCGGTGAGTGTGAGCAGCGATGACT  
CCTTCGAGCAGAGCATCAGGGCGGAAATAGAACAGTTTCTGAATGAGAAGAGACAGCATG  
AGACCCAAAAATGTGATGGGTGAGTGGAGAAGAAACCAGACACAAATGAAAATCCCGCCA  
AGTCACTCTTGAAATCCCACCAAGAGCCGCCTACAAAGGTGGTGCATCGGCAGGGCCTGC  
TGGCGTCCAGAAGGAGTTTGCTTCCGCAAACCTCCCGGTTAGCGAAGATGAACGTCC  
AGCCCAGAAGCCTCAGGTCCAAGTGCACAACCACGAGGAGAACGAGGGCAGCACGAAGC  
CGGCAACCCCTGCCGCCCTTCAAGAAGCAGCACAGAAATAAAGGTGGGATCAAAGGAGCG  
CCAGCGCTGCAAGGAGGGGAAAGCGAGTATGAGTGCGGCACAGGCGTCCGAGGCGTCCG  
ACTCCAGCAGCGACGATGGCATTGAGGAGGCCATCCAGCTGTACCAGCTGCAGAAAACAC  
GCAAGGAGGCCGACGGGGACCTGCCCCAGAGGGTCCAACCTCCGAGAGGAGAGAGCGCCTG  
ACCCTCCCGCACACAGCACAAGCAGTGCCACAAAAAGTGCCTTGCCCCGAGACCCACAGGA  
AAACCCAGCAAGAAGAAGCTAGTGGCCACCAAGACCACGGACCCTGGTCCAGGGGGCC  
TGGACTGACCATGCCCCAAGCTCCTGAAGGAAACCAAGCTCCACCTCCAGCGAGCC  
CTGCTTCCAGGAGTGAGTTGTGGAACGGTCTCTGTGCCGGGCGGACACATCTGCTGAGC



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TGATGTGTGCAGAAGCAATCCTGGACATCTCCAAGACGATCCTGCCGGCCCTGTGGAGG  
GCAGTGACGGGTCCCTGTCCGCAAGCCACTTCTACTCCCCGAACGTGCCTTCCCCT  
CTGACGGCGACAGTAGCTCCGTGGACAGCGATGACAGCATCGAGCAGGAAATCCGGACAT  
TTTTGGCCCTAAAGGCGCAGTCAGGGAGTTTGTGGCCAGAGGTGAGAGCTGCCCGCAGG  
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AGGCCCAGGCCGACCCAGCCCTGTCTTTGAAAGCCACACTTGTGGCAAGAAGGACG  
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CCAGGTTACAGAGGCTCTGATGCTTTTTGGTTGATTGCTGGTGAAGATGGCCGGCGGT  
GCTGACAGTGGTACCTGAGGAAGCCAAGCTGCCCTCCCTGGGAATCACTCAGATGCCCC  
AAGATGTCGTTGGGAAGCTCCCAGGACAGCACTTTTTATACAGAGGACACCGCCTCGG  
CCCAGTCTTAGAGGCCAGAGCACATCTGAAAAGTCAATCACAGCCGTCGGTGGAAA  
AACGTTTCAAGCACAGTGGCCAGCGAGCGAGCACTTGGCTACTCCCTGTTGCATGTCAA  
ATCCACACAGATGTCAGCGGCAGCTGCTCGGCAGCCAGCCCTGGGCCTGGGTGGTTCA  
TGTCAAATCTTGTTCGATCACTAGATGATTCTAACATCGAAATAAACCTTTTTATATG  
GCAA

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_014811 unedited NGTTTTCGNATATTTGTCAATACGCACTTCACTATGAGGGGCGGACCGACGTAATTCAGC AGCTGGGTAGCCGGTCCGGTAATCCCCTGGATTGGCAGCTATCGCTGTTGTAGCTGCA TCATGCCCATGTGCTTTCTTTCCGCCAGGATGTGAAGCCGGTAGAGAAATAAAGCATCG CCCCTCTGCGGCCCTCCCGTCTGCTAGAATGTTTCTCATGAACGCTTCTCCAGTGGT TGCTCTCCAGTCCAAATGGGAGGCCTTTGGCCCGCAGGGAGCTGTAGGTTCCCCAGGTG CTTCTCGGAGGCTGACGAGGGCGTGGAGAGCGCGTCGGTGAGCGCCCGGGTGCAGATGCT TATCAGCACTCTGCAGCGCAGCGGGCTGCTCGGGGCACCAAGCATGAGCGCGCCGCACA GAGGGGCCACAGGGCAGAGGGATGCCACGACGCCAGGCCGGCTGCCAAGCCACCGTGCA CAAGGAGCCACCCGCTTGGCTGCCTGTGGTCTCGTTGCTGACTTTGACCCCATGGGGGA GGAGGAAACTACAGACTTTGGCCGTTGGTGTAGATTACAGACAGTGTGATTCCGTGGA CAGGGACATTGAGGAGGCCATCCAGGAGTACCTGAAGGCAAAGAGTGGAGCCGCACAGCC CGGGGCCGGGGCCAGCCAGGTGCAGCCAGCCTTCCAGGGCCGAGCGGAGGCGAG TAGATGTAAGCCGAACCGGCTCACGGCAGTCCCCGACTGCCCTGTGTCCCCANAAC TGTACCTGGATCANGTGGTGGCCCGGCAGCCAGGTGGGATCCAGCGAGGACCAGGGGCT CCGCCTCCCCTGAGTGTGAGCAGCGATGACTCCTTCGAGCAGAGCATCAGGGNCGAA TAGAACAGTTTTCTGATGGAGAGAGACGCTTGANCCCCAAATGTGATGGGTGAGTGGGA GAAAA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014811
<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).
<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>	<a href="#">NM_014811.3</a> , <a href="#">NP_055626.3</a>
<b>RefSeq Size:</b>	4959 bp
<b>RefSeq ORF:</b>	3630 bp
<b>Locus ID:</b>	9858
<b>UniProt ID:</b>	<a href="#">Q5T8A7</a>
<b>Cytogenetics:</b>	9q34.3
<b>Gene Summary:</b>	Inhibits phosphatase activity of protein phosphatase 1 (PP1) complexes. May positively regulate cell proliferation.[UniProtKB/Swiss-Prot Function]