

## Product datasheet for SC211183

### Retinal protein 4 (UNC119) (NM\_054035) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Retinal protein 4 (UNC119) (NM_054035) Human 3' UTR Clone
Symbol:	Retinal protein 4
Synonyms:	HRG4; IMD13; POC7; POC7A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_054035
Insert Size:	961 bp
Insert Sequence:	>SC211183 3'UTR clone of NM_054035 The sequence shown below is from the reference sequence of NM_054035. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGTGGGGAAGTGGGGCGTCTAGAGACTTGAGCTGCGGGAGGGAGAGGGACTTGTGGGTCTGATCCCATT
TCTCCCCACCCTGGGGCTCTTCTGTGTCTGCCACCATTCCCATATCATCCGTAGAGAAAGAGGCTGGGG
ATATTTCAAGGCTGTTTGGCTGTCCCTGTACCCAGTCCTGAAGCCCTGCAGTGGCGGGACTCAAGCTC
CTGACCTTTGCCCGCCTGGCTGGGCCTCTCTTGCAGTCAGCGAGATGATCCGCCACCCGTATGAGACC
CAGTCTGACAGCTTCTACTTCGTGGATGACCGGCTGGTGTGCACAATAAAGCAGACTATTCTACAGC
GGGACACCCTGACCCACGGCTGCCCTGACCCAGGAGGCTCCAGTTCTGGGCTGGGAGCTGTGACCTC
CCCAACGCTCACCCCTCAACCCCAAGTCTCTGCTTGGGGAGTTCTCCAGGAGCTCCGGACCCTGAGTC
AATGTTGGGAGGAAGGGTACCTGGTGTCCCCAGTCAAGCCCATGAAGCCCATGCGGCCTGTACATGGG
GTGGGGTCTGAGGGAGGCTGTTTGCCTCCACGTCTAGGAAGGCCCTGTGAGAGGAGCAGTCAGGACTTCC
GGACAACCTAGCTGGGCCCTACTTGGGCCCAAGTTTCAAGATAGTGTCCCTATCAAGGCTGTGACTA
GATCAGGCAGGGATCCATTCCCTGTCCCTGCCACTACCTTCAGGCCATTTAGAGTTGTAATTTACA
AAGATCCACGGTGGGCTCCAGCTGCCAAGCCACCAAGGGAGTCTGGGCCCTAGGCCTAGCCCCATCCC
TCCCCATGAGGGGCCAAGACACTGCCTAAGGTGTGGGAGGGACTGGCTGAGATTGCAGCCCATGGTAGG
AGCTGGACCAACTGTATATAGTTTTCAATAAACTTTTTCTTTTCTGTTCAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_054035.2</a>
<b>Summary:</b>	This gene is specifically expressed in the photoreceptors in the retina. The encoded product shares strong homology with the C. elegans unc119 protein and it can functionally complement the C. elegans unc119 mutation. It has been localized to the photoreceptor synapses in the outer plexiform layer of the retina, and suggested to play a role in the mechanism of photoreceptor neurotransmitter release through the synaptic vesicle cycle. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	9094
<b>MW:</b>	34.4