

Product datasheet for **SC326350**

IGSF9 (NM_001135050) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | IGSF9 (NM_001135050) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | IGSF9 |
| Synonyms: | FP18798; IGSF9A; Nrt1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC326350 representing NM_001135050. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGTGGTGCCTCGGCCTGGCCGTCCTCAGCCTGGTCAACAGCCAGGGGGCTGACGGTCGAGGGAAG
CCTGAGGTGGTATCGGTGGTGGCCGGGCTGGGAGAGTGGTGGTGGCTGTGACCTGCTGCCCCG
GCCGGCCGGCCCCCTGCATGTCATCGAGTGGCTGCGCTTTGGATTCTGCTTCCCATCTTCATCCAG
TTCGGCCTCTACTCTCCCGAATTGACCCTGATTACGTGGGACGAGTCCGGCTGCAGAAGGGGGCCTCT
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CACATCCCTGAAGACGATTTTGTAACGGCTCCTGGGTGCATCTGACAGTCAATTCACCCCTCAATTC
CAGGAGACACCTCCTGCTGTTGGAAGTGCAGGAAGTGGAGCCTGTGACCTGCGTTGTGTGGCCCGT
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CCTGCTAACCTCACCTACAGTGGTCCAGGACAACATCAATGTCTTCCACATTAGCCGCTGCAGCCC
CGGGTGGGATCCTGGTGGACGGGAGCCTGCGGCTGCTGGCCACCCAGCCTGATGATGCCGGTGTAC
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GGCCAGGCCAGGTGGACAGCAACAGCAGCCTCATCCTGCGACATTGACCAAGGAGGCCACGGGCAC
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AGCCCTCATGTTGTCACCAATGTGTCCGTGGTGGCTTTGCCAAGGGTGCCAATGTCTCCTGGGAGCCT
GGCTTTGATGGTGGTTATCTGCAGAGATTAGTGTCTGGTACACCCCACTGGCCAAGCGTCTGACCGA
ATGCACCATGACTGGGTGTCCTTGGCAGTGCCTGTGGGGGCTGCTCACCTCCTAGTGCCAGGGCTGCAG
CCCCACCCAGTACCAGTTCAGCGTGTAGCTCAGAACAAGTGGGGAGTGGTCCCTTCAGCGAAATC
GTCTTGTCTGCTCCGGAAGGGCTTCTACCACGCCAGCTGCACCCGGGCTTCCCCAACAGAGATACCG
CCTCCCCTGTCCCCTCCGCGGGGTCTGGTGGCAGTGAGGACACCCCGGGGGTACTCTGCATTGGGAT
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CTGAACCGGCGCAGGGCTGCCCGCCGCCCGCAAGCGCTCCGCAAGATCCACCTCTTATCTTCTCT
CCGACCGGAAGTACGCTGCACCCTCTGCTCTGGGCTCAGGCAGTCTGACAGCTGGCGAAGTGAAG
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CCCCACCCGATCCTCCATCTAGCCGGGACCCCTACCTCTGGAGCCATTTGCCGGGGCCAGACGGG
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CTCTGCATTGAAGACATCAGCCCTGTGGCACCCCTCCAGCAGCCCAAGTCCCTTGCAGGTCCCT
GGACCCCTGCTCCAGTACCTGAGCCTGCCCTTCTCCGAGAGATGAATGTGGATGGGACTGGCCCCCG
CTTGAGGAGCCCAGCCCTGCTGCACCCCAAGTACATGGATACCCGGCGCTGTCCACCTCATCTTTC
CTTCGTTCTCCAGAAACCCTCCTGTATCCCCAGGGAATCACTTCTGGGGTGTGGTAGGGGCTGGG
GCCACTGCAGAGCCCCCTACACAGCCCTGGCTGACTGGACTGAGGGAGCGGCTGTGCCAGGCCCTT
CTCCCTGCTGCCCTCGAGGCGAGCTCACCAGCCAGAGCAGTGGGCGAGGCGAGCTTCTGCTCCGCG
CCCCCTCCACAGCCCCCTCTGCAGGAGCAGCTACCTCAGCCCTGCTCCAGGAGACACCAGCAGCTGG
GCCAGTGGCCCTGAGAGATGGCCCCGAAGGAGCATGTGGTGACAGTACAGCAAGAGGAGGAACACATCT
GTGGACGAGAATATGAGTGGGACTCAGAATCCCTGGGACATGGAATTGCTGGAGACTTTGCACCTG
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TGCCTCTGAACACTGCCATGTTACTGGCCCTGAGGCCCGCTGTGCTGCCCTTCGGGAGGAATCCTG
GCCTTCCGCCGCCGAGATGCTACTAGGGCTCGGCTACCAGCCTATCGACAGCAGTCCCCACCC
GAACAGGCCACTCTGCTGTGA
ACGGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
    
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Restriction Sites:

SgfI-MluI

ACCN:

NM_001135050

Insert Size:

3540 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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| OTI Annotation: | 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. |
| 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_001135050.1 |
| RefSeq Size: | 4048 bp |
| RefSeq ORF: | 3540 bp |
| Locus ID: | 57549 |
| UniProt ID: | Q9P2J2 |
| Cytogenetics: | 1q23.2 |
| Protein Families: | Transmembrane |
| MW: | 126.6 kDa |
| Gene Summary: | <p>Functions in dendrite outgrowth and synapse maturation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p> |