

Product datasheet for **MC223862**

Igsf9 (NM_033608) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igsf9 (NM_033608) Mouse Untagged Clone
Tag: Tag Free
Symbol: Igsf9
Synonyms: 644ETD8; Dasm1; Kiaa1355-hp; mKIAA1355; NcamI; NRT1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223862 representing NM_033608
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGATTTGGTGTCTCCGCTGACCGTCCTCAGCCTGATCATCAGCCAGGGGGCTGACGGTCAAGAAAGC
 CTGAGGTGGTCTCTGTGGTGGGCGGGCTGGGAGAGTGCAGTGTGGGCTGTGACTTGTGCCTCCAGC
 TGGCCACCCCTCTGCATGTGCATCGAGTGGCTGCGCTTTGGATTCTGTCTCCATCTTCATCCAGTTC
 GGCTCTACTCTCCCGAATTGACCCGATTACGTGGGACGAGTCCGGCTGCAGACAGGAGCATCTCTCC
 AGATTGAGGGGCTCCGGGTGGAAGACCAGGGTTGGTACGAGTGCCTGTGCTCTTCTGGACCAACACAG
 CCCTGAACAGGATTTTGCCAACGGCTCCTGGGTGCACCTGACAGTCAATTCGCCCCCTCAGTTCAGGAG
 ACACCTCCCTTAGTTCTGGAAGTCAAGGAGCTGGAGGCGGTTACCTTGCCTGTGTGGCCGTGGCAGCC
 CTCAGCCTTATGTGACTTGAAATTCCGAGGACAAGACCTTGGCAAGGGCCAGGGTCAGGTGCAAGTGCA
 GAATGGAACACTGTGGATCCGTCGGGTGGAGCGAGGCAGCGCTGGAGACTACACCTGCCAAGCCTCCAGC
 TCCGAGGGCAGCATCACCCAGCCACCCAGCTGTTGGTGTAGGACCCCTGTATTGTGGTGGCCCCCA
 GCAACAGTACAGTCAACTCCTCTCAGGATGTTTCCCTTGGCTGCCGGGCTGAGGCATACCTGCTAACCT
 CACCTACAGTGGTCCAGGATGGTGTCAATGTCTTCCATATCAGCCGTTACAGTCTCGAGTCCGATC
 CTGGTAGACGGGAGCCTGTGGCTACAAGCCACTCAGCCTGATGACGCCGGCCACTATACCTGTGTTCCCA
 GCAATGGCTTTCTGCATCCACCGTCAGCTTCTGCCTATCTCACTGTGCTTACCCAGCCCAGGTGACAGT
 CATGCCTCCCAGACACCCCTGCCACTGGCATGCGTGGGGTGATCCGGTGTCCGGTTCGTGCTAATCCC
 CCACTACTGTTTGTACCTGGACAAAGACGGACAGGCCCTGCAGCTGGACAAGTCCCTGGCTGGTCCC
 TGGGCCCAGAAGGTTCCCTCATATTGCCCTGGGAATGAGAATGCCTTGGGAGAATACTCTGCACCCC
 CTACAACAGTCTTGGTACTGCTGGACCCCTCCCTGTGACCCAGGTGCTGCTCAAGGCTCCCCGGCTTTT
 ATAGACCAGCCAAGGAAGAATATTTCCAAGAAGTAGGGCGGGAGCTACTCATCCCGTGTCCGCCCGGG
 GAGACCCTCCTCCTATTGTCTTTGGGCCAAGGTGGGCCGGGGCTGCAGGGCCAGGCCAGGTGGACAG
 CAACAACAGCCTCGTCTTCGACCCCTGACCAAGGAGGCCAGGGACGATGGGAATGCAAGTCCAGCAAT
 GCTGTAGCCCGTGTGACCACTTCCACCAATGTATATGTGCTAGGCACCAGCCCCATGCTGTCCACCAATG



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TGTCTGTGGTACCTTTACCCAAGGGTGCCAATGTCTCTTGGGAGCCTGGCTTTGATGGTGGCTATCTGCA
 GAGATTCAAGTGTCTGGTATACCCCACTAGCCAAGCGTCTGACCGAGCCCACCATGACTGGGTATCTCTG
 GCTGTGCCTATCGGGGCTACACACCTCCTAGTCCAGGGCTGCAGGCTCACGCGCAGTATCAGTTCAAGT
 TCCTTGCTCAGAAATAAAGTGGGCAGTGGGCCCTCAGTGAAGTTGCTCTGTATACCAGAAGGGCTTCC
 TACCACACCGGCTGCCCTGGGCTTCTCCAACAGAGATACCACCTCCCCTGTCCCCTCTAGAGGTTTG
 ATGGCTAGTACATCCTGGAGGACGGCAAGGCTCCCAAGGCTGGGAGATCCTGGACCAAGGTGTGGCGGCAC
 AGAAATCCAGCTGCTGGTGCCTGGCCTCATCAAGGACGTTCTCTATGAGTTTCGCCTCGTGGCCTTCGCT
 GATAGCTACGTACGTGACCCAGCAACGTAGCCAACATCTCCACTTCCGGCCTGGAGGTGTACCCCTCCC
 GCACACAGCTACCAGGTCTCCTGCCCCAGCCTGTATTGGCTGGTGTGTGGGTGGAGTCTGCTTCTTGGG
 CGTGGCGGTCTTGTGAGCATCTAGCTGCCTGCCTGATGAATCGGCGCAGGGCTGCCGACGCCACCGA
 AAACGTCTGCGCCAGGATCCGCCTCTGATCTTCTCCACGTGGGAAGTCAAGGCTCACACTCTGCTCCTG
 GCTCAGGCAGCCCTGACAGCGTGACCAAGTTCAAGCTCCAAGGCTCCCAGTTCCCAGCCTACGCCAGAG
 TCTGCTCTGGGGGAGCCTGCTCGACCGCTAGCCCTACCCGGATTCTCCACTTGGCCGGGACCCCTTA
 CCATTAGAGCCATTTGCAGGGGCCAGATGGGCGCTTTGTGATGGGACCCACTGTGGCCCCCTACAAG
 AAAAGTTATGTCTGGAGCGCTCAGAACCTCGGACCTCAGCTAAACGCTTGGCTCAGTCTTTGACTGTAG
 CAGTAGCAGCCCCAGTGGGGTCCACAACCCCTCTGCATTACAGACATCAGCCCTGTGGGCGAGCCTCTT
 GCAGCCGTGCCTAGCCCCCTACCAGGTCCAGGACCCCTGCTCCAGTATCTGAGCCTACCCTTCTCCGAG
 AGATGAATGTGGACGGGGACTGGCCACCTTTGAGGAGCCACGCTGCTCCGCCTCCAGATTTTCATGGA
 TAGTCAGCCCTGTCCACCTCATCTTTCCTTCCACCACAGACTCACCTCTGCAATCTCAGGGCAGTG
 CTTCTGGGACTGATGGGGTTCGGGCTCCTCAGAGCCCCCTACACAGCTTTGGCTGATTGGACTG
 TGAGGGAGCGGTCTTGGCGGCCTTCTTCTGCTGCCCTCGTGGTGCCTCACCAGGGGAAGTACCTCAGTCCA
 GAGGGGAGCGCCTCCTTCTGCGCCCTCCCTCCACAGCCCCCTCCGAGGGGGAAGTACCTCAGTCCA
 GCTCCAGGAGACACAAGCAGCTGGGCCAGTGGCCAGAAAGGTGGCCCCGAGGGAGCATGTGGTGACAG
 TCAGAAAAGGAGGAACCTCTGTGGATGAGAACTATGAATGGGATTTCGGAATCCCAGGGGACATGGA
 GCTGCTAGAGACCTGGCACCAGGCTTGGCCAGTTCTCGGACCCATCCTGAACTTGAAGCAGAGTTAGGT
 GTCAAGACTCCAGAGGAGAGCTGTCTCCTGAACCAACCCATGCTGCCGGCCCCGAGGCCCGCTGTGCTG
 CCCTTCGGGAGGAATTCCTAGCTTTCGCGACAGCAGGGATGCTACCAGGGCCCCGCTACCAGCCTATCA
 GCAGTCCATCTTACCCTGAACAGGCTACTCTGCTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_033608
- Insert Size:** 3540 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:

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_033608.3](#), [NP_291086.2](#)

RefSeq Size: 4219 bp

RefSeq ORF: 3540 bp

Locus ID: 93842

UniProt ID: [Q05BQ1](#)

Cytogenetics: 1 79.86 cM

Gene Summary: Functions in dendrite outgrowth and synapse maturation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Both variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.