

Product datasheet for **SC105887**

IGSF11 (AL834256) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGSF11 (AL834256) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGSF11
Synonyms:	BT-IgSF; CT119; CXADRL1; Igsf13; VSIG3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AL834256, the custom clone sequence may differ by one or more nucleotides

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GTAACACTCAGTTATCAGACACTGGCACCTACCAGTGCCTGGTCAACAACCTTCCAGACATAGGGGGCAG
GAACATTGGGGTCACCGGTCTCACAGTGTAGTCCCCCTTCTGCCCCACTGCCAAATCCAAGGATCC
CAGGATATTGGCAGCGATGTCATCTGTCTGTAGCTCAGAGGAAGGCATTCTCGACCACTTACCTTT
GGGAGAAGTTAGACAATACCCTCAAACCTCCAACAGCTACTCAGGACCAGGTCCAGGGAACAGTCAC
CATCCGGAACATCAGTGCCTGTCTTCAGTGTGTACCAGTGCCTGGCTTCTAATGCTATTGGAACCAGC
ACCTGTCTTCTGGATCTCCAGGTTATTTACCCCCAGCCAGGAACATTGGACTAATAGCTGGAGCCATTG
GCACTGGTGCAGTTATTATCATTTTTTGCATTGCACTAATTTTAGGGCATTCTTTTACTGGAGAAGCAA
AAATAAGAGGAGGAAGAAGAAGAAATTCCTAATGAAATAAGAGAGGATGATCTTCCACCAAGTGTCT
TCTGCCAAAGCATTTCACACTGAGATTTCTCCTCGGACAACAACACACTAACCTCTTCCAATGCCTACA
ACAGTCGATACTGGAGCAACAATCCAAAAGTTCATAGAAACACAGAGTCAGTCAGCCACTTCAGTGACTT
GGGCAATCTTTCTTTCCACTCAGGCAATGCCAACATACCATCCATTTATGCTAATGGGACCCATCTG
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GCAATGGCTCAGTCAGTAGGAAGCCTCGGCCTCCACACACTCATTCTACACCATCAGCCACGCAACACT
GGAACGAATTGGTGCAGTACCTGTATGGTACCAGCCAGAGTCGGGCGGGTCTTGGTATAGGACATG
AGGAAATGTTGTGTTAGAAATGAATAAATGGAATGCCCTCATAACAAGGGGAGGGTGGGGTGGGGAGTG
CTGGGAAAGAAACACTTCCTTATAATTATATTAGTAAATGCACAAGAAGAAGGAGTGTCTTACTTG
GCCACTAAGATGTGTAAGATGTTGCAAGCAAGGAAAAGATACAAGAGCAGAATAGTACTTAAAA
TCCAAACTGCCGCCAGATGGCTTGTCTTTCATGCCTAACTTAAATTTTTAAGAGATTAAGTGGCA
GATGGAGTTTAAATATTGAAATTTTTTAAAGGTAGGTGTCTTTAAGAAAATAACAAGCAACCCTGTGA
TATGTTCCGTCTCTCCAATCCCTCGTTATATAGAGGGCTTAATGGTATAAATGGTAAATATTGGTCCC
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AGACAAAGGAAACGTCTTTGAGAAGCCCTTCATATTTATTTATCTCTTCTGAACCATGAATTTT
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TGGCAATTACTGTTATTTTTCTGGAAAAATTTTTTTATAAAAGGCTTTTTTTTTTTTTAAATAC
ATGAGAGGCATTGGGCTAAGAAAGAAAAGACTGTTGTATAATACCTTGTCAATGGTGTATTTAGTGAG
CTCATAGAGGTCCATCATATCATGACCGAGCTAGGTTGTGTGGCAGGAAGGTAGGGCTAAGGGGTGTA
GCCTTGCTGGGCAGCCTCTCAGAGCAAGGTTGTCAGATCTCCCTTGCTATTACAGTAGGTTACTATTAA
TGAGGGCAGCACCTGATGCCTTTTGTACTGAGGTATGTAACCTTCTCCTATTGACAAGTAGAAGTTAA
CTTACTTGTACAGGGAGGGCAGACGTTTTTTTTGTTCTGTTTCGTTTTTCAAATAATGCTTTTTGCAAAA
AGGTAAGACTGAGACTAAAGGTGTATCTTCTGGTGTGCTCCTGGAAGTGTCTACCCTACATTTGTGTCA
GCTCAGGGTTCAGTGTGCCCAGATGCATTTTACATCACTGTAAGAGATTACTTTTGTGGTACTACC
TGGCTTGGCTGGCCTTGGGTTCCAGATTAATTTACAACTCCCCACTTTATTTTGTGCTATGTAGA
TCTGGCATACTGCATTAGTGACTGTCTTGCCTTAACCACACTAAGCAACCCACAAATTTCTTCTCAG
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GCTTCTGACATTTTTTTCAGTTATGTGAATGAATGGAACCAACAGCTGCTGCAAAACACTGTTTTTCCA
AGAAGGCTACACTCAGAACCTAACCATTTGCCAACCATTTAGTATTGATAAAAAGCTGAATTTACTTTAG
CATTACTATTTTTTTTTCCATTTGATGGTCTTACTTTGTAAAAATTTAAATAATGAATGTCTATACT
TTTTATAAAGAAAAGTAAAATACCATGACACTGAAAAGATGATGCTATCAGATGCTGTTTAGAAAGCAT
TTATCTGCATTTCTTTATTCTTCTAATTATCTAAAATTCATAAAAATTTTATTCATATAAAAAAAAA
AAAAAA
    
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AL834256 unedited</p> <pre>CACCAATTTGTAATACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGGCCCTGTCT TCAGGTTTGTACCAAGTGCCTTCTAATGCTATTGGAACCAGCACCTGTCTTCTGGAT CTCCAGGTTATTTACCCAGCCAGGAACATTGGACTAATAGCTGGAGCCATTGGCACT GGTGCAGTTATTATCATTCTTTGATTGCACTAATTTAGGGCATTCTTTACTGGAGA AGCAAAAATAAAGAGGAGGAAGAAGAAGAAATTCCTAATGAAATAAGAGAGGATGATCTT CCACCCAAGTGTCTTCTGCCAAAGCATTTCACACTGAGATTTCTCCTCGGACAACAAC ACACTAACCTCTTCCAATGCCTACAACAGTCGATACTGGAGCAACAATCCAAAAGTTCAT AGAAACACAGAGTCAGTCAGCCACTTCAGTGACTTGGGCCAATCTTTCTTTTCCACTCA GGCAATGCCAACATACCATCCATTTATGCTAATGGGACCCATCTGGTCCCAGGTCACAT AAGACTCTGGTAGTGACAGCCAACAGAGGGTCATCACCACAGGTGATGTCCAGGAGCAAT GGCTCAGTCAGTAGGAAGCCTCGGCCTCCACACTCATTCTACACCATCAGCCACGCA ACACTGGAACGAATTGGTGCAGTACCTGTATGGTACCAGCCAGAGTCGGGCCGGGTCC TTGTTATANGACATGANGAAATGTTGCGTTCAGAAATGAATTAATGGAATGCCCTCATA AANGNGGAGGGGTGGGTGGNGATTGCTTGAAACAAACTTCTTATAATATTTAGTA AAATGCCCAAGAAGAAGCAGTGTGGTACTGGCCCACTAGAGTGTAAAAGGACTGAAAG CTTCATCTGGAGAACTGGCTCCCAAGATTCCTGAATTTGCTGGACTCAAATGTGCC AGCCAGGAAA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AL834256 unedited</p> <pre>ACTATGAACCGCGCCGCTATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTATATGA ATAAAATTTTATTGAATTTTAGATAATTAGAAAGAATAAAGAAATGCAAGATAAATGCTT TCTAAACAGCATCTGATAGCATCATCTTTTCAGTGTCATGGTATTTTCACTTTTCTTTAT AAAAAGTATAGACATTCATTTATTTAAATTTTACAAAGTAAGAACCATCAAATGGAAAA AAAAATAAGTAATGCTAAAGTAAATTCAGCTTTTTATCAATACTGAAATGGTTGGCAATG GTTAGGTTCTGAGTGTAGCCTTCTTGAAAAACAGTGTTCAGCAGCTGTTGGTTTCCA TTCATTACATAACTGAAAAAATGTCAGGAAGCCACTCCCTGTGAAGACTACGTTGCA GGAGAAGAGAGCAAAAAGTATGGTGGTAAGAGGGAGTAAGAGAACACATCCAGAAAGAAA AGACACTCTTATTGAGACATGGGATGAGTATCATAAGTAATCTAGGAAACAAATCTGAGA AGAAATTTGTGGTTGCTTAAGTGTGGTTAAGGCAAGACAGTCACTAATGCAAGTATGGC CAGATCTACATAGCACAAAATAAAGTGGGGAGTTTGTAAATTAATCTGGTGAACCGCAA GGCCAGCAAGCCAGGTAGTAACCACAAAAGTAATCTCTTTACAGTGATGTAATAATGCAT CTGGGCAACTGCAACCCTGAGCTGACACAAATGTAGGGTAGACTTCCAGGAGCACACA CCAGAAGATAACACCTTTAGTCTCAGTCTTACCTCTTTTGCAAAAAGCATTATTTGAAAA CGAACAGAACAAAACGTCTGCCCTCCTGACAGTAAGTTAACTCTACTGTCAAATAGGGG AAGTTCCTACCTCAGTCAAAGCTCAGTGTGCCTCTTAATAGAACC</pre>
Restriction Sites:	NotI-NotI
ACCN:	AL834256
Insert Size:	2750 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: [AL834256.1](#), [CAD38931.1](#)

RefSeq Size: 2877 bp

RefSeq ORF: 2877 bp

Locus ID: 152404

Cytogenetics: 3q13.32

Protein Families: Transmembrane

Gene Summary: IGSF11 is an immunoglobulin (Ig) superfamily member that is preferentially expressed in brain and testis. It shares significant homology with coxsackievirus and adenovirus receptor (CXADR; MIM 602621) and endothelial cell-selective adhesion molecule (ESAM).[supplied by OMIM, Apr 2005]