

Product datasheet for **SC100864**

IGSF11 (NM_152538) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGSF11 (NM_152538) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGSF11
Synonyms:	BT-IgSF; CT119; CXADRL1; Igsf13; VSIG3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152538, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTCTGGTGGAACTTTTGGCTCTGGTGGAACTGCTTTTCTAGAACTGGTGTTCAGCATCCCTGGAAG
TGT CAGAGAGCCCTGGGAGTATCCAGGTGGCCCGGGTTCAGCCAGCAGTCTGCCCTGCACTTTCACTAC
CAGCGTCCCTCATTAACTCAATGTCATTTGGATGGTCACTCCTCTCCAATGCCAACCAACCTGAA
CAGGTCATCCTGTATCAGGGTGGACAGATGTTTGGATGGTCCCGGGTCCACGGTAGGGTAGGATTTA
CAGGCACCATGCCAGTACCAATGTCTCTATCTTCAATAAACACTCAGTTATCAGACTGGCACCTA
CCAGTGCCTGGTCAACAACCTTCCAGACATAGGGGGCAGGAACATTGGGGTCACCGGTCTCACAGTGTA
GTTCCCTCTGCCCCACTGCCAAATCCAAGGATCCAGGATATTGGCAGCGATGTCATCCTGCTCT
GTAGCTCAGAGGAAGGCATTCTCGACCAACTACCTTTGGGAGAAGTTAGACAATACCCTCAAACCTACC
TCCAACAGCTACTCAGGACCAGGTCCAGGGAACAGTCACCATCCGGAACATCAGTGCCCTGTCTCAGGT
TTGTACCAGTGCCTGGCTTCTAATGCTATTGGAACCAGCACCTGTCTTCTGGATCTCCAGGTTATTTTAC
CCCAGCCAGGAACATTGGACTAATAGCTGGAGCCATTGGCACTGGTGCAGTTATTATCATTTTTTGCAT
TGCACTAATTTTAGGGCATTCTTTTACTGGAGAAGCAAAAATAAAGAGGAGGAAGAAGAAGAAATTCCT
CCTCGGACAACAACACTAACCTCTTCCAATGCCTACAACAGTCGATACTGGAGCAACAATCCAAAAGT
TCATAGAAAACACAGAGTCAGTCAGCCACTTCAGTGACTTGGGCAATCTTCTCTTCCACTCAGGCAAT
GCCAACATACCATCCATTTATGCTAATGGGACCCATCTGGTCCCGGGTCAACATAAGACTCTGGTAGTGA
CAGCCAACAGAGGTCATCACCACAGGTGATGTCCAGGCAATGGCTCAGTCAGTAGGAAGCCTCGGCC
TCCACACTCATTCTACACCATCAGCCACGCAACACTGGAACGAATTGGTGCAGTACCTGTCATGGTA
CCAGCCCAGAGTCGGGCCGGTCTTGGTATAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152538 unedited GGGCGGCCGGAATTCGGCACGAGGGTTGGGGGAGTGGCTCCCCGGACTGCGCGAGGGG TCGGCTAGTCTCTGGGACAGGGCTGGGTGGCAGGCTGGCGAGCCCGGAACGCCTCTGGTC ACAGCTCAGCGTCCGCGGAGCCGGGCGCGCTGCAGCTGCACTTGGCTCGTCTGTGGGTC TGACAGTCCCAGCTCTGCGCGGGGAACAGCGGCCCGGCGCTGGGTGTGGGAGGACCAGGC TGCCCCAAGAGCGCGGAGACTCAGCCCCGCTCCTCTCTGTTGCGACCGGGAGCCGGGTA GGAGGACGGCGCGCTCCCTGCGGCCCGGGATGACTTCTCAGCGTTCCCCCTCTGGCGCT TTGCTGCTCCTCTCTGCACGGTGTTCAGCATCCCTGGAAGTGCAGAGAGCCCTGGG AGTATCCAGTGGCCCGGGTACAGACAGCAGTCCTGCCCTGCACTTTCACTACCAGCGCT GCCCTCATTAACCTCAATGTNCATTTGGATGGTCACTCCTCTCTCCAATGCCAACCAACC TGAACAGGTATCCTGTATCAGGGTGGACAGATGTTTGTGGTGGCCCCCGGTTCCACGG TAGGGTAGGATTTACAGGCACCATGCCAGCTACCAATGTCTCTATCTTCAATAAACAC TCAGTTATCAAACACTGGCACCTACCAGTGCCTGGTCAACAACCTCCCAGACATAGGGG CAGGACATTTGGGTCACCGGTCTCACAGTGTTAGGTGAGTGACACAAGAGTCCCTGGCT GTTCCGGGCTTTACTCACAAACTACTCTCAAGCATACTTGCTTCTGCCCTGTTTCTACC CCTTACAACGGCTAAGATCTTTTTCTGGGCTTNCCTTCAAAGACATTCTTTTTCTCCTG CTCCATGCTTCTTAAAGAAAGNCTCCCCTCTTCTTACTTTTCCCA
Restriction Sites:	NotI-NotI
ACCN:	NM_152538
Insert Size:	4700 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:	<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_152538.2 , NP_689751.2
RefSeq Size:	3577 bp
RefSeq ORF:	1293 bp
Locus ID:	152404
UniProt ID:	Q5DX21
Cytogenetics:	3q13.32
Domains:	ig, IGv, IGc2, IG
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]

Transcript Variant: This variant (1) represents the longer transcript and encodes isoform a.