

Product datasheet for **RC214576**

IGSF11 (NM_001015887) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGSF11 (NM_001015887) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IGSF11
Synonyms:	BT-IgSF; CT119; CXADRL1; Igsf13; VSIG3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC214576 representing NM_001015887
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTTCTCAGGTTCCCTCTGGCGCCTTTGCTGCTCCTCTCTCTGCACGGTGTTCAGCATCCCTGG
 AAGTGTCAGAGAGCCCTGGGAGTATCCAGGTGGCCCGGGTTCAGCCAGCAGTCTGCCCTGCACTTTCAC
 TACCAGCGCTGCCCTCATTAACTCAATGTCATTTGGATGGTCACTCCTCTCTCCAATGCCAACCACT
 GAACAGGTCACTGTATCAGGGTGGACAGATGTTTATGGTGGCCCGGTTCCACGGTAGGGTAGGAT
 TTACAGGCACCATGCCAGCTACCAATGTCTCTATCTTCAATAAACACTCAGTTATCAGACACTGGCAC
 CTACCAGTGCCTGGTCAACAACCTTCCAGACATAGGGGGCAGGAACATTGGGGTCAACGGTCTCACAGT
 TTAGTTCCTCTGCCCCACTGCCAAATCCAAGGATCCAGGATATTGGCAGCGATGTCATCTGCTG
 TCTGTAGCTCAGAGGAAGCATTCTCGACCACTTACCTTTGGGAGAAGTTAGACAATACCCTCAA
 ACCTCCAACAGCTACTCAGGACCAGTCCAGGGAACAGTACCATCCGGAACATCAGTGCCTGTCTTCA
 GGTTTGTACAGTGCCTGGCTTCTAATGCTATTGGAACAGCACCTGTCTTCTGGATCTCCAGGTTATTT
 CACCCAGCCAGGAACATTGGACTAATAGCTGGAGCCATTGGCACTGGTGCAGTTATTATCATT
 CATTGCACTAATTTAGGGGCATTCTTTACTGGAGAAGCAAAAATAAGAGGAGGAAGAAGAAGAAATT
 CCTAATGAAATAAGAGAGGATGATCTTCCACCAAGTGTCTTCTGCAAAGCATTTTCACTGAGATTT
 CCTCCTCGGACAACAACACTAACCTCTTCAATGCCTACAACAGTCGATACTGGAGCAACAATCCAAA
 AGTTCATAGAAACACAGAGTCAGTCAGCCACTTCACTGACTTGGGCAATCTTTCTTTTCACTCAGGC
 AATGCCAACATACCATCCATTTATGCTAATGGGACCATCTGGTCCCGGGTCAACATAAGACTCTGGTAG
 TGACAGCCAACAGAGGGTCAACACAGGTGATGTCCAGGAGCAATGGCTCAGTCAGTAGGAAGCCTCG
 GCCTCCACACTCATTCTACACCATCAGCCACGCAACACTGGAACGAATTGGTGCAGTACCTGTCATG
 GTACCAGCCAGAGTCGGGCCGGTCTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214576 representing NM_001015887
 Red=Cloning site Green=Tags(s)

MTSQRSLAPLLLLSLHGVAASLEVSESPGSIQVARGQPAVLPTFTTSAALINLNVIWMVPLSNANQP
 EQVILYQGGQMFDPGRFHRVGFGTMPATNVSIFINNTQLSDTGTQCLVNNLPDIGGRNIGVTLTV
 LVPPSAPHQCIIQGSQDIGSDVILLCSSEEGIPRPTYLWEKLDNTLKLPPATQDQVQGTVTIRNISALSS
 GLYQCVASNAIGTSTCLLDLQVISPOPRNIGLIAGAIGTGAVIIIFCIALILGAFFYWRSKNKEEEEEIE
 PNEIREDDLPPKCSSAKAFHTEISSDNNTLTSSNAYNSRYWSNPKVHRNTEVSVSHFSDLGQSFHSG
 NANIPSIYANGTHLVPGQHKTLVVTANRGSSPQVMSRNSGVSVRKPRPPHHSYTIISHATLERIGAVPVM
 VPAQSRAGSLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8059_d05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001015887

ORF Size: 1293 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001015887.3](#)

RefSeq Size: 3446 bp

RefSeq ORF: 1296 bp

Locus ID: 152404

UniProt ID: [Q5DX21](#)

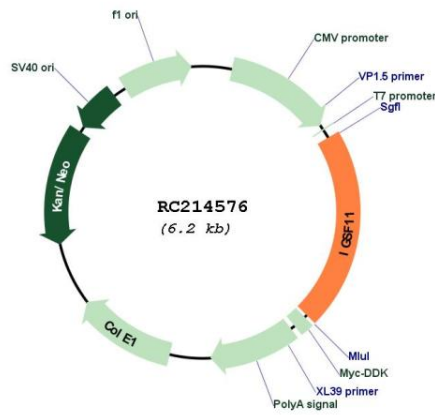
Cytogenetics: 3q13.32

Protein Families: Transmembrane

MW: 45.9 kDa

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]

Product images:



Circular map for RC214576