

Product datasheet for **SC101366**

IGSF21 (AK092618) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGSF21 (AK092618) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGSF21
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 AK092618, the custom clone sequence may differ by one or more nucleotides

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TTCCTTCCCAGCGATTCCCTCTCCTTGGTGCAAGCCCTGCTCTTCCCACGGATGCTTCCCTAGACCCAT
GTGGCATTTCAGATGTCTTGCTTATGGTTAATTAATAGTCCTTTGATTTCAATCTCAGAGAATGAAATT
GGCAGTGCCTGGGAGGCCACCCACATCTGCCAAGTCTGCTGATTTCCGTTCTAAGAGCTTTGCGTCAGAA
AGAGAGGTCCGGGGACCAGCAAGGAAAGGTGGGGTAATCCCAGGGCAGCCCCAGGGCCTCAGGACAAAC
CTTTTCCACCCTTAGAAGATGTTTACACAGAGTAGCACAAAGCATAGAGTACCAACAAAACCTCACCC
CTTCTCCGGCCCTGAAACTCAATGGGATCTGTCTCCAACCCCTTCCCTCCCTGACCTGCCTCTGTC
CCATGCCCTGGCTGTTCCCTGTGCCTGGAATATGCCTCGTGAGCTTCACAGCTCAGCTTAAATGTACCT
CCTTGAAGAGGCCACCTGACCACTATCTGAGGATTTACCCACCAATTCTGAGCCCCCTCCCTTGGTCT
AGTGATCTGCATGGAGCACTGTCACTCTCATCCTGTTTTGCGTATGTGTTGTTTGCTTATGAACCTCA
CCCCTACTGAAGTGGGAGCTCCATGTGAGCAGGCACTGGGTCTTGTTACCACCATATCCTCAGCTCTGC
TCCAAATGGCTGGCTCCATAATTACTGTTGAGTGAGTGAGTGAGTGAATGAATCTGGGGGAAAGAG
TGCTGGCGAGAAGGTGAGGAAACATGGTTAACTGGCTCTGTGAGTGACCTTGGAATAGCCTCTACATTAT
CCGTGGAGCTCTGTTTGTGAGCTGAAATGAAGGGAACAGACCCAAATGATCCCAGTGCGCTCTCCATCCC
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AAAGGGACTGAATAAGAGGTGATACAAGAAAGTGAGGAAGAGAGGCAGGGAGGCTGTGCACAAGGAAGGA
GGTGGTCTTTCTTCCCACACCATGTCCACCCCTACCCAGAGGTTCTAGAAAAATCCCACTGGCTTGTACT
TGCTGTGTTGTTGCTTTCTTCCCCTGATGTGTGAACCCCAAGAGCAGGAATCATGTCCTATATAC
ACCTTTGACTCCCAAGGTCCTAGAGAGCATCTGATTCATTGCATGGGCTTAGGGAATATGTCTGAATGAA
TGCAGCTGTGAATGAGTGAATGAATGAATGAGCACACTGAGCTTCTACAGAAGCAGCTGATCCCAAGGA
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GAGGTGCATGCATGTTTACACCTTCTAGAACTCAGAGTAAACCTAGCTCTTCAACGAGACATTCTCTTA
AGTCCCAGACTCCTCCTCCTCTGGAGTTCAGGGCAGCCACTCTAACCCGTCGGATGAGAATGCTGTGC
CACCCCTGGCCAGGCAGCCCTGACCCCTTGCTGATCTGGCAGAATGGGCCCTCCTGTGACCCACCTCTC
CCCTGATCTGGCCAACAGAACGAAGTCTCCCGGAGCCCATGTTACGTGGACGCGGGTTGGGAGCCGCC
TCCTGGACGGCAGCGCTGAGTTCGACGGGAAGGAGCTGGTGTGAGCGGGTTCCCGCCGAGCTCAATGG
CTCCATGTATCGCTGCACCGCCCAACCCACTGGGCTCCACCGACACGCACACCCGGCTCATCGTGTTTGA
AAACCCAAATATCCCAAGAGGAACGGAGGACTCTAATGGTTCCATTGGCCCCACTGGTGCCCGGCTCACC
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TGACATCTCCACGACCGGTTTTTCATTTCTTTCTAAACTATTTCCAGTCTTGTTCTTAGTCTCTTTCCAT
CTGTGCTTGGCTCTTCAGTCGGTTAATTAACAAACAGAACAAATTTCCCC

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5' Read Nucleotide Sequence:

>OriGene 5' read for AK092618 unedited
 TTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCAAACCTTTCCACCCTT
 AGAAGATGTTTACACAGAGTAGCACAAGCATAGAGTACCAAACAAACCTCACCCCTT
 CCTCCGGCCCTGGAACTCAATGGGATCTGTCTCCCAACCCCTTCCCTCCCTGACCTGC
 CTCTGTCCCATGCCCTGGCTGTTCCCTGTGCCTGGAATATGCCTCGTGAGCTTCACAGCT
 CAGCTTAAATGTACCTCCTTGGAAAGAGGCACCCTGACCACTATCTGAGGATTTACCCA
 CCAATTCTGAGCCCCCTCCCTTGGTCTAGTGATCTGCATGGAGCACTGTCACTCTCATCC
 TGTTTTGCGTATGTGTTTGTGTTTATGAACCTCTCACCCCTACTGAAGTGGGAGCTCCA
 TGTGACGAGGCACTGGGTCTTGTTCACCACCATATCCTCAGCTCTGCTCCAAATGGCTGG
 CTCCATAATTACTGTTGAGTGAGTGAGTGAGTGAATGAATGAATCTGGGGGAAAGAGTGC
 TGGCGAGAAGGTGAGGAAACATGGTAACTGGCTCTGTGAGTGACCTTGGATAAGCCTCT
 ACATTATCCGTGGAGCTCTGTTTGTGAGTGAATGAAGGGAACAGACCAATGATCCCG
 AGTGGCTCCTCCATCCCTGATATTCTCAGGGTGTGTTTCAAGGATAGCCATGCCTTTGG
 GCATCTTGGGCTTTCAAGCTCANAGATACAAAGGGAAGTGAATAAGAGTGATACAAGAAA
 GTGAGGAAAAAGGAGGNAAGCTGTGCACAAGAAGGAGGTGTCTTTCTTTCCAAACCAT
 GTCCCCCTCCCAGAGGTCTAGAAAATCCACTGGAATAAACCTGTGAAAAGCCCGCT
 CAGGATGG

3' Read Nucleotide Sequence:

>OriGene 3' read for AK092618 unedited
 NNAAATTTACTGTGNNACCGGCCCTTATNCTGANGATCGGATTTTTTTTTTTTTTTTTT
 GGGGGAATGTTCTGTTTGTGTTTAAATTAACCGACTGGAAGAACCAANACAGNATGG
 AAAGAGACTAAGAACAAGACTGGAAATAGTTTAGAAAAGAAATGAAAACCGGTCTGGAG
 ATGTCAGTGCCTGATGGAGTGGCCGGGGCGGGTGCCTTTTCGTACGCTCCAGAATCACTG
 TCAGGGCGAGCACCAGGTGAGCCGGGACCAAGTGGGGCAATGGAACATTAGAGTCTCT
 CCGTTCCTCTTGGGATATTTGGGTTTTCAAACACGATGAGCCGGGTGTGCGTGTGCGTGG
 AGCCCACTGGGTCTGGGCGGTGCAGGATACATGGAGCATTGAGCTCGGCGGGAACCC
 GCTCCAGCACCAGCTCCTTCCCGTCAACTCAGCGCTGCCGTCCAGGAGGCGGCTCCCAA
 CCCGCTCCACGTGAACATGGGCTCCGGGAAGACTTCGTTCTGAAACCATGGACCAGAA
 TCCTCACTGTGTCCCTACCCGGGCTCTGCTGGGCGTCATCACAATTTTGGGTCCTTTGG
 GGGCACTGTAGGAGAGAAAGGCCAGGTCAGAGAGAGTAAGGAAAGGAGGACAGGGTA
 CATGGAAGAGAAAGTTCTAGTCTAGCAATCAACATCCTTGGGATCAGCTGCTTCTGTGAG
 AAGCTCAGTGTGCTATTCACTCATTCACTCATTCACTCATTCACTCATTCACTCATTCACT
 CCCTAAAGCCATGCAATGAATCAGATGCTCTAGGACCTGNGGGAGTCAAGGGTGATATA
 TAGGACACGATTCCTGCTCTTGGGGGTTACACATCAGTGGGAAGGAAGACAACAACC
 GACAAGTTCAAGCCAGTC

Restriction Sites:

NotI-NotI

ACCN:

AK092618

Insert Size:

2500 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: [AK092618.1](#)

RefSeq Size: 2365 bp

RefSeq ORF: 2365 bp

Locus ID: 84966

Cytogenetics: 1p36.13

Protein Families: Druggable Genome, Secreted Protein

Gene Summary: This gene encodes a protein which has two immunoglobulin (Ig) domains and is a member of the immunoglobulin superfamily. Proteins in this superfamily are usually found on or in cell membranes and act as receptors in immune response pathways. [provided by RefSeq, Sep 2011]