

Product datasheet for **SC309946**

IGSF3 (NM_001542) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGSF3 (NM_001542) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGSF3
Synonyms:	EWI-3; LCDD; V8
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001542, the custom clone sequence may differ by one or more nucleotides

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ATGAAGTGCTTTTCCCGGTGCTGAGCTGTCTGGCTGTGCTGGGTGTGGTGTGAGCAG
CGGCAGGTACCGTTTCAGGAAGGACCTTGTACCGCACGGAGGGCTCCACATCACTATC
TGGTGCAATGTGAGTGGCTACCAGGGACCTTCTGAGCAGAATTTCCAGTGGTCCATTTAC
CTGCCCTTCGTCGCCAGAGCGAGAGGTGCAGATCGTCAGCACCATGGACTCTTCTTCCCC
TATGCCATCTACACCCAGCGCGTCCGCGGAGGGAAGATCTTCATAGAAAGAGTCCAGGGG
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CACACACCCAGCACTGATAAGCAATACTTTGGGAGTTACAGTGCAAAGATGAACCTAGTG
GTGATCCAGACTCCCTGCAGACCACTGCCATGCCCCAGACTCTGCACAGAGTGGAGCAG
GACCCGCTGGAGCTCACTTGTGAGGTGGCTCAGAGACCATTAGCACAGCCACCTGTCT
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CAGGGCGAATTCTACTGCGAGGCCGCGAGTGGATCCAGATCCGGATGGGTCTGGGTAT
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CGAGAGAAAACCGTGACCGGGGAATTCATTGATAAGGAGAGCAAGCGTCCCAAGAATC
CCCATCATAGTCTCCCCCTCACAGATAACTGGGTAGTTAAAGTCCCCAGCACCACAG
CTCCTGTCCCAAGGCCACTTGGAGAGCAGCATCTCCGTGGAGGTGGCCAGCAATGCCAGC
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CAGGGTCGCTTCTGTGATCTGGCAGCTTGTGGACAGGCAGAACCGCCGAGCAATATC
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AGCAGGAAGGAGGACGAGGGCCAGTATGAATGCCATGTGACTGAATGGGTGCGGGCAGTG
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CTTGAAATGGGCTTCGCAGTCACAGCCATCTCCCGACACCGGGGTGACCTACAGCGAC

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TCCTTTGACTTGCAAGTATCATCAAACCCCACTACCCTGCCTGGGTCCCCGTGTCGGTG
ACATGGCGGTTCCAGCCGGTGGGCACGGTGGAGTTCATGACTTGGTGACCTTCACCCGG
GACGGAGGGGTCCAGTGGGGGGACAGGTCTCCAGCTTCCGAACCCGAAGTGCATCGAG
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CTGGCGGAGAGGACCTCCAACCTGCTGGAGATCAGGGTGTGCAGCCAGTGACAAAGCTG
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CAGGCAGCCAAGAACAATCTGAAGGGGCGGCTGCATTTGAGAGTCCTTCCCCCGCGTG
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GTCTTTGGCCAGAGGGCAGTCCTTGGGAGGGCAGGCTTCGCTTCCAGAGGCTCTCCCCG
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CATGTGGAGGAGTGGCTGCCAGCCCTCAGAAGGAATGGTACCGGCTGACGGAGGAGGAG
TCAGCCCCCATCGGCATCCGTGTTCTAGATACAAGTCCACCCCTCCAGTCCATCATCTGC
TCCAACGACGCACTCTTCTACTTCTGCTTCTTCTACCCTTTCCCATCTTTGGCATTCTT
ATCATCACCATCCTTCTGGTGCGTTTCAAGAGCCGGAAGTCCAGCAAGAACTCTGATGGG
AAGAATGGGTGCCTCTGCTGTGGATCAAAGAGCCACACCTCACTACTCCCTACTTGC
CTGGAGCCCCCTGTTCTCAGTATCCATCCAGGGCCATAGACTAA

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Restriction Sites:	Please inquire
ACCN:	NM_001542
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001542.2, NP_001533.2</u>
RefSeq Size:	7253 bp
RefSeq ORF:	3645 bp
Locus ID:	3321
UniProt ID:	<u>O75054</u>
Cytogenetics:	1p13.1
Domains:	ig, IGv, IG
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene is an immunoglobulin-like membrane protein containing several V-type Ig-like domains. A mutation in this gene has been associated with bilateral nasolacrimal duct obstruction (LCDD). [provided by RefSeq, Jun 2016] Transcript Variant: This variant (1) encodes the longer isoform (1).