

Product datasheet for **SC329343**

IGSF1 (NM_001170961) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGSF1 (NM_001170961) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGSF1
Synonyms:	CHTE; IGCD1; IGDC1; INHBP; p120; PGSF2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001170961, the custom clone sequence may differ by one or more nucleotides

```

ATGACCCTGGACAGACCAGGGGAGGGGCCACCATGCTGAAGACATTCAGTGTGTTTGGCT
TTTTGCATTTCGGATGAGTCTGGGTATGACATCGATAGTATGGACCTCAACCGGAGTTG
TGGATAGAGTCCAACCTACCCCAAGGCCCTTGGGAGAACATCACGCTTTGGTGCCGAAGC
CCCTCTCGGATATCAAGCAAGTTCCTGCTGCTGAAGGATAAGACACAGATGACCTGGATC
CGCCCTTCCCACAAGACCTTCCAAGTTTCATTCTTATAGGTGCCCTTACTGAGTCCAAT
GCAGGTCTTTACCGGTGCTGCTACTGGAAGGAGACAGGCTGGTCAAAGCCCAGTAAAGTT
CTAGAGTTGGAGGCACCAGGCCAACTGCCCAAGCCCATCTTCTGGATTGAGGCTGAGACC
CCCCTCTTCTGGGTGTAATGTTAACATCCTCTGCCATGGCTGGCTGCAGGATTTGGTA
TTCATGCTGTTTTAAAGAGGGATATGCAGAGCCTGTGGATTACCAAGTCCCAACTGGGACA
ATGGCCATATTCTCCATTGACAACCTGACACCTGAGGATGAAGGGGTTTACATCTGCCGC
ACTCATATCCAGATGCTCCCCACCTGTGGTCAGAGCCCAGCAACCCCTGAAGCTGGTT
GTAGCAGGACTCTACCCAAACCAACTTTGACAGCCCATCCTGGGCCATCATGGCACCT
GGAGAAAGCCTGAATCTCAGGTGCCAAGGGCCAATCTATGGAATGACCTTTGCTCTAATG
AGGTTGAAGACTTGGAGAAGTCCTTTTACCACAAGAAGACAATAAAAAATGAGGCAAAT
TTCTTCTCCAGTCTTTGAAGATCCAAGATACTGGACATTACCTCTGTTTTTACTATGAC
GCATCATATAGAGGTTCACTCCTTAGTGATGTCCTGAAAAATCTGGGTGACTGACACTTTC
CCCAAGACCTGGCTACTTGTCTGGCCAGTGTGTGGTCCAAATGGGTGAGAATGTGAGC
CTACGGTGTGAGGACCAGTGGATGGAGTGGGTCTTGCACTCTATAAGAAAGGAGAAGAC
AAACCACTTCAATTTTTGGATGCCACCAGCATCGATGACAACACATCATTCTTCTCAAC
AATGTAACCTACAGTGATACTGGCATCTATAGCTGCCACTATCTTCTCACCTGGAAGACC
TCCATTAGGATGCCATCACACAACACTGTGGAGCTTATGGTTGTAGATAAGCCCCCAA
CCCTCCCTGTCAGCTTGGCCAAGCACTGTGTTCAAGCTAGGAAAGGCCATCACCTTCAG
TGCCGAGTATCTCATCCAGTACTGGAATTTTCTGGAATGGGAAGAAAGAGAAACATTC
CAAAAATCTCAGTAAACGGAGACTTCATCATCAGTAATGTTGACGGGAAAGGCACAGGG
ACCTACAGTTGCAGCTATCGCGTAGAGACACATCTAATCTGGTCACATCGCAGTGAG

```



[View online »](#)

```

CCCCGAAGCTGATGGGGCCAGCAGGCTATCTCACCTGGAATTACGTTCTGAATGAAGCT
ATCAGGTTGTCTTAATCATGCAGCTTGTTCCTTGTCTGTTGGTAGTGTGGATAAAGG
TGGAAAGTGTGGGAGACTCAGAATCAGAGAAGCCTGGTTGCTGGGAACAGCTCAAGGGGTC
ACCATGCTCTTCATAGTCACGGCCCTTCTCTGCTGTGCAATTTCTTTGCAGGACTGTGC
AATGGGGTATTGATAGAAGAGACTGAAATAGTCATGCCAACCCCTAAGCCTGAGCTGTGG
GCAGAGACCAACTTTCTCTGGCCCCGTGGAAGAACTTAACCCCTCTGGTGCAGAAGCCCT
TCTGGCTCAACTAAGGAGTTTGTGTTGCTGAAGGATGGGACCGGGTGGATCGCCACTCGC
CCGGCCTCAGAGCAGGTCGGGGCTGCCTTCCCCCTTGGCGCCCTGACCCAGAGCCACACC
GGGAGCTACCACTGCCATTTCATGGGAGGAGATGGCTGTATCGGAGCCAGTGAGGCACTT
GAGCTGGTGGGGACAGACATCTCCCCAAACCTGTCAATTTCTGCTTCCCCACAATCCGG
GGCCAGGAACTACAACCTCCGGTGCAAAGGATGGCTGGCAGGCATGGGGTTTGCTCTGTAT
AAGGAGGGAGAGCAAGAACCTGTCCAGCAACTGGTGCTGTTGGAAGAGAAGCCTTCTTT
ACAATCCAGAGAATGGAGGATAAAGACGAAGGCAATTACAGCTGCCGCACTCACACTGAA
AAACGCCCTTCAAGTGGTCTGAGCCCAGTGAGCCGCTGGAGCTTGTCAAAAAGAAATG
TACCCTAAGCCCTTCTTCAAGACATGGGCCAGCCCTGTGGTCACCCCTGGTGCCCGAGTG
ACTTTCAATTGCTCCACCCCCACCAGCATATGAGCTTTATTCTTTACAAGATGGAAGT
GAAATAGCATCCAGTGACAGGTCCTGGGCAAGTCCGGGGCCAGTGACAGCTCACTTTCTA
ATCATTTCCGTTGGCATTGGTGATGGAGGGAATTACAGCTGCCGATATTGACTTTTCT
ATCTGGTCTGAGCCCAGCGACCCCTGTGGAGCTCGTGGTGACAGAATTCTACCCCAAACCC
ACTCTCTGGCACAGCCAGGTCCTGTGGTGTTCCTGGGAAGAGTGTGATCCTGCGCTGC
CAAGGGACTTTCCAGGGCATGAGGTTCCGCCCTTGCAGGAGGGAGCCCATGTTCCCTTA
CAGTTTCGGAGTGTCTCAGGGAACCTCAGCTGACTTCTTCTCCACTGTTGGAGCAGAG
GACTCTGGGAACATAGCTGTATCTACTATGAGACAACCATGTCAAACAGGGGGTCATAT
CTCAGTATGCCCTTATGATCTGGGTGACTGACACATTCCTAAGCCATGTTGTTGCT
GAGCCCAGTTCTGTGGTCCCATGGGGCAGAATGTTACTCTCTGGTGCCGAGGGCCGGTC
CATGGAGTAGGATACATTCTGCACAAAGAAGGAGAAGCCACTTCAATGCAGCTCTGGGGA
TCCACCAGTAATGACGGGGCATTCCCCATACCAATATATCTGGTACTAGCATGGGGCGT
TACAGTCTGCTGCTACCACCCTGACTGGACCAGTTCTATCAAGATAACAACCTAGCAACACC
CTGGAACCTCTAGTCACAGGCTTACTCCCCAAACCCAGCCTATTAGCCAGCCTGGTCCC
ATGGTGGCCCCTGGCGAAAATATGACTTTCAGTGTCAAGGGGAACTGCCAGACTCAACA
TTTGTCTGTTGAAGGAGGGGGCTCAGGAGCCTTAGAGCAACAGAGGCCAAGTGGGTAC
AGGGCTGACTTCTGGATGCCAGCAGTGAGAGGTGAAGACTCTGGGATCTATAGCTGTGTT
TATTATTTGACTCTACTCCCTTTCAGCTTCAAATCACAGTGACTCCCTGGAGATCTGG
GTGACTGATAAGCCCCCTAAACCCTCTCTGTGACCTGGCCCAGCACCATGTTCAAGTTA
GGGAAGGACATCACCCCTCAGTGCCGAGGACCCCTGCCAGGTGTTGAATTTGTCTAGAA
CATGATGGAGAAGAAGCACCTCAGCAGTTTTTTCAGAGGATGGAGACTTTGTCAACAAC
GTAGAAGGAAAAGGCATTGGAACCTACAGCTGCAGCTACCGCCTCCAGGCCTACCCCTGAT
ATCTGGTCAGAGCCTAGTGATCCCCTGGAGCTGGTGGGGCAGCAGGGCCTGTTGCTCAG
GAGTGCAGTGTAGGGAACATTGTCCGAAGTAGCCTAATCGTGGTGGTTGTTGTAGCCTTG
GGGGTAGTGCTAGCCATAGAGTGGAAGAAGTGGCCTCGACTGCGAACCAGAGGCTCAGAG
ACAGACGGAAGAGACCAGACCATTGCCCTTGAAGAGTGTAAACCAAGAAGGAGAACCAGGC
ACCCCTGCCAATTCTCCTTCATCAACCTCTCAGAGAATCTCTGTGGAAGTCCCGTTCCA
ATATAA

```

Restriction Sites:

Please inquire

ACCN:

NM_001170961

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:	<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_001170961.1 , NP_001164432.1
RefSeq Size:	4599 bp
RefSeq ORF:	4026 bp
Locus ID:	3547
UniProt ID:	Q8N6C5
Cytogenetics:	Xq26.1
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a member of the immunoglobulin-like domain-containing superfamily. Proteins in this superfamily contain varying numbers of immunoglobulin-like domains and are thought to participate in the regulation of interactions between cells. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]</p> <p>Transcript Variant: This variant (3) represents the longest transcript and encodes the longest protein (isoform 3). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>