

## Product datasheet for **SC329338**

### IGSF1 (NM\_001170962) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IGSF1 (NM_001170962) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGSF1
Synonyms:	CHTE; IGCD1; IGDC1; INHBP; p120; PGSF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC329338 representing NM_001170962. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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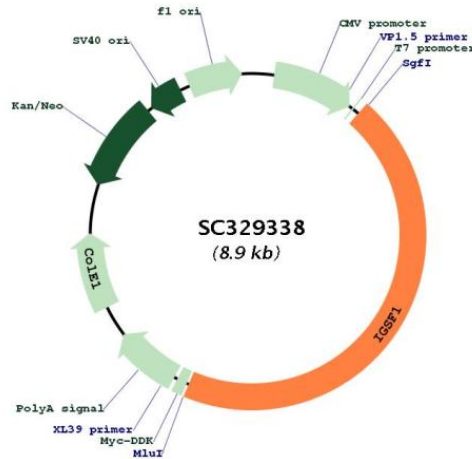
[View online >](#)

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**Restriction Sites:**

SgfI-MluI

Plasmid Map:



**ACCN:** NM\_001170962

**Insert Size:** 3984 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).

**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:** [NM\\_001170962.1](#)

**RefSeq Size:** 4557 bp

**RefSeq ORF:** 3984 bp

**Locus ID:** 3547

**UniProt ID:** [Q8N6C5](#)

**Cytogenetics:** Xq26.1

**Protein Families:** Transmembrane

**MW:** 148 kDa

**Gene Summary:** 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]

Transcript Variant: This variant (4) lacks an alternate in-frame exon in the 5' coding region and uses an alternate in-frame splice site in a 3' exon compared to variant 3. The resulting protein (isoform 4) is shorter compared to 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.