

Product datasheet for RC230700

IGSF1 (NM_001170962) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IGSF1 (NM_001170962) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: IGSF1
Synonyms: CHTE; IGCD1; IGDC1; INHBP; p120; PGSF2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC230700 representing NM_001170962
 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC230700 representing NM_001170962
 Red=Cloning site Green=Tags(s)

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Chromatograms: https://cdn.origene.com/chromatograms/mg4988_b09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

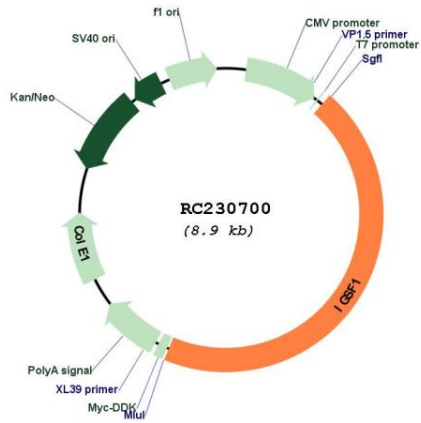


ACCN: NM_001170962

ORF Size: 3981 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:	<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:	<u>NM_001170962.1</u> , <u>NP_001164433.1</u>
RefSeq ORF:	3984 bp
Locus ID:	3547
UniProt ID:	<u>Q8N6C5</u>
Cytogenetics:	Xq26.1
Protein Families:	Transmembrane
MW:	148.4 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]

Product images:



Circular map for RC230700