

Product datasheet for **MC212519**

Igsf1 (NM_177915) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igsf1 (NM_177915) Mouse Untagged Clone
Tag: Tag Free
Symbol: Igsf1
Synonyms: 5330413N23; 5530402E03; AI747649; InhBP/p120; mKIAA0364
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212519 representing NM_177915
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATGCTTCGGACCTTCACTCTTTTGCTCCTTTGCATTTGGCTCAATCCGGGTATGACTTCACTGGCAG
TGGAGTCTCAACCAGAGCTATGGATAGAGTCCAACCTACCCCGAGCCCTTGGGAGAACATCACACTCTG
GTGAAAAGCCCCTCTCGGGTATCCAGCAAGTTCTGCTTCTGAAGGATAACTCACAGATGACCTGGATT
CGTCCTCCTTACAAGACATTCCAAGTTTCACTTTCATAGGTGCCCTTACTGAGTCCAATACAGGCTTT
ATCGATGCTGCTACTGGAAGGAGAAAGGCTGGTCAAACCCAGTAAAATTCTAGAGCTAGAAGCACCAGG
CCAACCTCCCTAAACCCATCTTCTGGATCCAGGCAGAGACCCCTTCTTCTGGATGCAATGTTAACATC
TTCTGCCATGGATGGCTCCAGGATTTGGTATTTATGCTGTTTAAAGAGGGATACACAGAGCCCGTAGATT
ACCAAGTCCCAACTGGGACAATGGCCATCTTCTCCATTGATAACTTGGCACCCGAGAATGAAGGGGTTTA
CATCTGCCGCACTCATATCCAGATGCTCCCACTCTGTGGTCAGAGCCAGCAATCCCCTGAAGTTGGTG
GTAGCAGGTGGGTGTGGCCACGGCTGCTGGCATCTGACAATTGTTATCCAGGGATCATGGCTGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177915
Insert Size: 699 bp



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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:	<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_177915.4 , NP_808583.1
RefSeq Size:	1756 bp
RefSeq ORF:	699 bp
Locus ID:	209268
UniProt ID:	Q7TQA1
Cytogenetics:	X A5
Gene Summary:	<p>Seems to be a coreceptor in inhibin signaling, but seems not to be a high-affinity inhibin receptor. Antagonizes activin A signaling in the presence or absence of inhibin B. Necessary to mediate a specific antagonistic effect of inhibin B on activin-stimulated transcription (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks most of the coding region and uses a different segment for its 3' coding region and 3' UTR, compared to variant 1. The resulting protein (isoform short) has a shorter and distinct C-terminus when it is compared to isoform long.</p>