

Product datasheet for RN210061

Igsf1 (NM_175763) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igsf1 (NM_175763) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Igsf1
Synonyms:	Inhbp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210061 representing NM_175763 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGCTTCGGACCTTCACTCTTTTGCTCCTTTGCATTTGGCTCAATCGGGGTATGACTTCAATGGCAG
CAGTGGAGTCTCAACCAGAGCTATGGATAGAGTCCAACACCCAGGCCCTTGGGAGAACATCACACT
TTGGTGCAAAGCCCTCTCGGGTATCCAGCAAGTTCTGCTGCTGAAGGATAACACACAGATGACCTGG
ATTCATCCTCCTTACAAGACCTTCCAAGTTTCATTCTTCATAGGTGCCCTTACTGAGTCCAATACAGGTC
TTTATCGATGCTGCTACTGGAATGAGAAAGGCTGGTCAAGCCAGTAAAATTCTAGAGCTAGAAGCACC
AGGCCAACTCCCTAAACCTATCTTCTGGATCCAGGCAGAGACCCCTTTCTGGATGCAATGTTAAT
ATTCTCTGCCATGGATGGCTTCCAGGATTTGGTATTTATGCTGTTTAAAGAGGGATACACAGAGCCCATAG
ATTACCAAGTCCCAACTGGGACAATGGCCATCTTCTCCATTGACAACCTGGCACCTGAGAATGAAGGCAT
TTACATCTGCCGCACCCATATCCAGATGCTCCCACTCTGTGGTCAGAGCCAGCAACCCCTAAAGTTG
GTGGTAGCAGGTCTACCCCAAACCAACTCTGACAGCCCATCTGGGCCATCTGGCACCCAGGAGAAA
GCCTGAGTCTCAGGTGCCAAGGGCCAATATATGGAATGACGTTTGCCTTAAAGAGTTGGAAGACTTGAA
GAAACCATATTACTACAAGAAGCCAATAAAAAATGAGGCATATTTCTACTTCCAGGCTCTGAAGACACAG
GATACAGGGCACTACCTCTGTTTTACTATGATGGGTCATACAGGGGCTCACTGCTTAGTGATATCTGA
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TCAAAACGTGAGCCTGAGATGTGGAGGACTGATGGATGGAGTGGGCTTTCAGCTCCATAAGAAGGGAGAA
GAAAAGCCCTTCAGTTTCTGGATGCCACCAGCAACACTGGCAACAATTCATTCTTCTAAAGAATGTGA
CCTACAGGGATGCTGGCATCTATAGCTGCCACTATTATCTTACCTGGAAGACTTCCATTAAGATGGCGAC
ATACAACACTGTGGAGCTGATTGTTGTAGCTTGGCCAGTCCGTGTTCAAAGTAGGAAAGACCATCACC
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AATTCTCAGTAGACGGAGACTTCATCATCACTAACATTGAAGGGCAAGGCACGGGTACCTACAGTTGCAG
CTATCGTATTGAGTCACACGCTAACATCTGGTTCATCGAGTGAAGCCTCTCAAGTTGGTGGGGCCAGCA
GTCACAGGCTTCTCCCTGGAATTCATTCTGAATGAAGCTATCAGGGTGTCTTAAACGGTGCAGTTTC



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TTTCCTTGCTGTTGCTAGTGCTGTGGCTACAATGGAAGTGTCCGGAGACTGAGACTCAGAGAAGCCTGGT
 GTTGGGAACAGCTCAAGGGGTTGCCATGCTCGTCATACTCATAGCTCTTCTTTGCTGTGGCTGTGCAAT
 GGGGCATTGACAGAGGAGATTGAAATCATCATGCCAACCCCTAAACCTGAACTGTGGGCAGAGACGAACT
 TCCCTCAGGCCCGTGAAGAACGTAACCCCTCTGGTGCAGAAGCCCTTCTGGCTCAACTAAGGAGTTTGT
 GCTACTAAGGACGGGACTGGGTGGATTGCAACTCGCCCGGCTCAGAGCAGGTCGGGCTGCCTCCCC
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 AATCCGGGGCCAGGAAGTGCAGATCCGATGTAAGGATGGCTGGAAGGCTTGGGGTTTGCTCTGTATAAG
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 GCCAGTGTCCCTGGAGCTTGTATAAAAGAACTGTACCCCAAGCCTTCTTCAAGACATGGGCTAGC
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 TTTACAAGGATGGCAATGAAATTGCATCCAGTGACCCAGTCTGGGAAACCCAGGAACCAGCACAGCACA
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 GTTTGCCCTTACAGGAGGGTGTCTATGCTCCCTTACAGTTTCAGAGTGCCCTCGGGGACCTCCGTTGAC
 TTCTCTCCACACTGTTGGAGCAGAGGACTTTGGGAAGTACAGCTGTGTCTACTATGAGACAACCATGT
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 GTCTGTGAGCCTAGTTCTGTGGTACCATGGGGCAGAATGTTACTCTATGGTGCCAAGGACCAGTCCAT
 GGAGTTGGGTACATTCTGCACAAAGAAGGAGAAGCCACTTCAATGCAGCTTTGGGATTCCACTAGCAATG
 AAGGGCATTCCCTATCATCAATATATCTGGTGTAGCATAGGACGTTATAGCTGCTGTTACCACCCTGA
 CTGGATGAGCCCTATCAAGATACAGCCTAGCAACTCTGGAAGTCAATGCTACTGCTGTTTACTCCCTAAG
 CCCAGCCTGTTAGTCCAGCCTGGTCCATGGTAGTCCCGGAGAAAACATGACTTTTCAATGTCAAGGAG
 AACTGCCAGATTCGACATTTGTCCTGTTGAAGGAGGGGACACAACAGCCATAGAACAACAGAGGCCAAG
 TGGGTACAGAGCTGACTTCTGGATGCCAGTGGTGGGATCAAGATTCTGGTGTTCAGCTGTGTTTAT
 TATCTGGATTCTGCTCCCTTGTGGCTTCTAATCACAGCAACTCTCTAGAGATCTGGGTGACCGATAAGC
 CCCCTAAACCCTCTGTGACGCTGGCCAGCACTGTGTTCAAAGTGGAAAGGATATCACCTTCAGTG
 CCGAGGACCCCTGCCAGGAGTTGAATTCGTGCTAGAACACGATGGAGAAGAGGCCCCCAACAGTCTCA
 GAGGATGGAGATTTGTTATCGGCAACATGGAAGGAAAGGCATTGGAAACTACAGTTCAGCTATCGGC
 TGCAGGCTTACCCTGACATCTGGTCAAGAGCCAGCGACTCCCTGGAGCTGTTGGAGCCGAGGGCCTGT
 TGCTCAAGAGTGCAGTGTGGTAACATTGTCCGAAGTACCCTGATTGTGGTGGTTGTGGTGCCTGGGG
 ATAGTGCTAGCCATAGAGTGAAGAAGTGGCCTCGACTTCGGACTAGGGGCTCTGAGACAGATGGGAGAG
 ACCAGACCATAGTCTTGAAGAGTGAACCAAGATGGAGAACCCGGCACTGCCACCAATTCTCTTCATC
 TGCTTTGCAGGGTGTCTCAGTGGAAACAACAGTCCCAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_175763
- Insert Size:** 3963 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).
- 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_175763.2](#), [NP_786939.1](#)

RefSeq Size: 4407 bp

RefSeq ORF: 3963 bp

Locus ID: 302822

UniProt ID: [Q925N6](#)

Cytogenetics: Xq36

Gene Summary: a putative inhibin coreceptor [RGD, Feb 2006]