

Product datasheet for **MC219502**

Igfals (NM_008340) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igfals (NM_008340) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igfals
Synonyms:	Albs; ALS; mKIAA4111
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219502 representing NM_008340
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCTGAGAACGGAAGCCAGCCCTGGTGGTGTCTTCTGGCTTTCTGGGTGGCACTGGGCCCTGTT
 ACCTGCAGGGGACAGATCCTGGAGCATCAGCAGATGCCGAGGGCCCCAGTGCCCTGTACCTGTACCTG
 CAGCTATGATGACTACACAGATGAGCTCAGCGTCTTTTGCAGTTCAAGGAACCTCACTCAGCTGCCCGAT
 AGCATCCCAGTCAGCACCAGGGCTCTGTGGCTTGACGGAACAACCTGTCTCCATCCCCTCAGCGGCCCT
 TCCAGAACCTGTCCAGCCTAGACTTCTCAACCTGCAGGGCAGCTGGCTGAGGAGCTGGAGCCACAGGC
 ACTGCTGGGCCTGCAGAATCTCTACCATCTGCACCTGGAACGGAACCTGTCCGGAGCCTAGCTGCAGGC
 TTGTTCCAGACACACCAAGTCTGGCTTCACTCAGTTTGGCAACAACCTCCTGGGCCGGCTGGAAGAAG
 GGCTGTTCCGGGGCCTCAGTCACCTTTGGGACCTCAACCTGGGTGGAACAGCCTAGTGGTCTGCCTGA
 CACGGTGTCCAGGGCCTGGGCAACCTCCATGAGCTGGTGTCTGTGGCAACAACTGACTTACCTGCAG
 CCTGCGCTCTTGTGTGGCTTGGGCGAGCTGCGGGAGCTGGACCTGAGCAGGAACGCTCTCCGAGCGTCA
 AAGCTAATGTCTTTATACATCTGCCCGGCTGCAGAAGCTCTACCTGGACCGCAACCTCATCACAGCTGT
 GGCCCCCGTGCCTTCTGGGCATGAAGGCACTGCGTTGGCTGGACCTGTACACAACCGTGTGGCTGGC
 CTCCTGGAGGACACCTTCCCTGGCCTGTGGGTCTGCATGTCTGCGCCTGGCACACAACGCCATCACTA
 GCTTGGCGCCGCTACTTTCAAAGATCTACACTTCTGGAGGAAGTGCAGCTCGGCCACAATCGTATCAG
 GCAGTTAGGTGAGAAGACGTTTGGGGCCTGGGGCAGCTGGAGGTAAGTGCAGCTCAATGACAATCAGATC
 CATGAGGTCAAGTGGGCGCCTTCTTTGGCCTCTCAACGTGGCTGTTATGAATCTCTCCGGCAACTGTC
 TGAGGAGCCTCCCCGAGCATGTGTTCCAAGGGCTGGGCAGGCTGCACAGCTTGCACCTGGAGCACAGTG
 CCTGGGCCGATCCGCTGCACACTTTCGCCGGCCTCTCAGGGCTGCGCAGGCTCTTCTCCGGGACAAC
 AGCATCTCCAGCATCGAAGAACAGAGCCTGGCAGGGCTCTCAGAGCTCCTGGAACCTCGATCTTACCGCCA
 ACCAGCTCACGCATCTGCCCGCCAGCTTTTCCAGGGCCTTGGCCAGCTGGAATATCTGCTTCTGTCCAA
 CAACCAACTGACAATGCTCTCTGAGGATGTCTGGGCCCTCTGCAGCGGGCCTTCTGGCTGGACCTCTCA
 CACAACCGCCTCGAGACCCCGGCTGAAGGCCTTTTCTCATCTCTGGGGCGGCTTCTGCTACCTCAACCTCA
 GGAATAACTCCTTGCAGACTTTTGTGCCGAGCCTGGCCTGGAGCGCCTGTGGCTCGATGCCAACCCCTG
 GGACTGCAGTTGTCCCCTCAAGGCGCTTCTGTACTTTGCCCTACAGAACCCTGGTGTGTCCCCCGCTTT
 GTTCAGACTGTCTGTGAGGGAGATGACTGCCAGCCGGTGTACACTTACAACAACATCACTTGTGCTGGCC
 CCGCCAACGTCTCAGGCCTCGACCTTCCAGACATCAGTGAACACTCTTTGTGCACTGCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008340

Insert Size: 1812 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_008340.3](#), [NP_032366.2](#)

RefSeq Size: 2111 bp

RefSeq ORF: 1812 bp

Locus ID: 16005

UniProt ID: [P70389](#)

Cytogenetics: 17 12.53 cM

Gene Summary: May have an important role in regulating the access of circulating IGFs to the tissues.
[UniProtKB/Swiss-Prot Function]