

Product datasheet for MR211786

Igsf3 (NM_207205) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igsf3 (NM_207205) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Igsf3
Synonyms:	1700016K10Rik; 2810035F16Rik; 4833439O17Rik; mKIAA0466
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211786 representing NM_207205 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTGCTTTTTCCAGTGTTGAGCTGTCTGGCTGTGCTGGGTGTGGTGTGTCAGCGCAGCGACAGGTCA
CCGTCCAGGAAGGGCCCTTGTACCGCACAGAGACTCCACATCACCATCTGGTGCAACGTGAGTGGCTA
CCAGGGTCCCTCTGAGCAGAACTCCAGTGGTCCATTTACCTGCCCTCTGCTCCTGAGCGTGAAGTACAG
ATCGTTAGCACGGTGGACTTTCCTTCCCGTACGCCATCTACACCCAGCGAGTCCGCGGTGGGAAGATCT
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AGCTCAGCTGCGAAGTGGCCACCGAGACCGTCCAGCACACCCACCTCTCGGTATCCTGGCTGCGGCAGAA
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TCCACCTGCAGCCTTCCGACCAGGGCGAGTCTACTGCGAGGCTGCGGAGTGGATCCAGGATCCAGATGG
CTCTTGGTACGCCATGACCAGGAAGCGCTCCGAGGGTCCCGTGGTCAACGTCCAGCCACTGACAAAGAG
TTCACCGTGCCTCTGAAACAGATAAGAGGCTGCACCGTGGGTGAGCCGGTGGAGTTCAGATGTATCC
TAGAGGCTCAGAACATCCCGACCGGTACTTTGCCGTCTCCTGGGCCTTCAACAGCTCACTATTGCCAC
CATGGGGCCTAATGCCGTGCCAGTCTCAACAGCGATTTGCCACCGGAAGCCAAAGGGACAGTCTAAG
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CCCAACTCCTTCAGCCTGGGCATCTTCAACAGCAGGAAGGAAGATGAGGGCCAGTATGAGTGCCACGTGA
CGGAGTGGGTTCCGGCCGTAGATGGAGAGTGGCAGATTGTGGGAGAGCGCCGCGCCAGTACCCTGGTCTC
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ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR211786 representing NM_207205
 Red=Cloning site Green=Tags(s)

MKCFPPVLSCLAVLGVVSAQRQVTVQEGPLYRTESSHITIWCVNSGYQGPSEQNFQWSIYLPAPEREVQ
 IVSTVDSSFPYAIYTRVRGGKIYVERIQGNSALLHITDLQARDAGEYECHTPNTDERYFGSYSAKMNLV
 VIPDSLQTTAVPQTLHKVEQDPLELSCEVATETVQHTLSVSWLRQKGGENPVEVISLSRDFILHSSEY
 AQRQSLGEVRLDKLGRSTFRLTIFHLQPSDQGEFYCEAAEWIQDPDGSWYAMTRKRSEGA VNVNQPTDKE
 FTVRLETDKRLHTVGEPEVFRCLIEAQNIPDRYFAVSWAFNSSLIATMGPNVAVPVLNSDFAHREAKGQLK
 VAKESDGVFVCLKIYHLRQEDSGKYNCRVTEREKTVTGEFIDKESKRPNKIPVVLPLKSSISVEVASNAS
 VVLEGEDLHFSCTVRTVGRQLQARFSVIWQLVDRQNRNSVMWLD RDGTLQPGSAYWERSYGGIQMEQVQ
 PNSFSLGIFNSRKEDEGQYEVHTEWVRAVDGEWQIVGERRASTLVSITALETGFAVTAISRTPGVTYSD
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 SISRASDTEAGKYQCV AELWRRNYNNTWTRLAERTSNLLEIRVLQPVTKLQVSKSKRTL TLVENRAIQLN
 CSVKSQTS PSHFAVLWYVHKPSDADGKILKTHSSAFEYGTAAEEGLRGRLOFERHVSGLFSLTVQ
 RAEVSDSGSYCHVEEWLLSPNYAWYKLAEEVSGRTEVTVKQPSRLKLSQVQGSLSVLETRQIQLECVV
 LNRTSVASQLLVEWFVWKP NHPEREVVAHLSRDATFH YGEQA AKNNLKGRLHAESPSSGVYRLF IQNVAV
 QDSGTYS CRVEEWPSPSGVWYKRAEDTAGQTAVTVMPDAALQVDTVVPNATVTEKAAFQDCSILSRS
 SQDSRF AVAWYSLR TKGGGKRGSLGIDEQEEEEEEEDISQEEDESDPTERTVLLSVGPDAVFGPEGSPWE
 GRLRFQRLSPLL YRLTVLEASPQDTGNYSCHVEEWLPSPQKEWYRLTEESAPIGIRVLDTSSTLQSLIC
 SNDALFYFVFFYPPIFGILIIITILLVRFKSRNSSKNSEGKNGVPLLWIKEPHLNYSPTCLEPPLVLSIHP
 GAID

TRTRPLEQKLISEEDLAANDILDYKDDDDK

Chromatograms: https://cdn.origene.com/chromatograms/mm9011_f11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

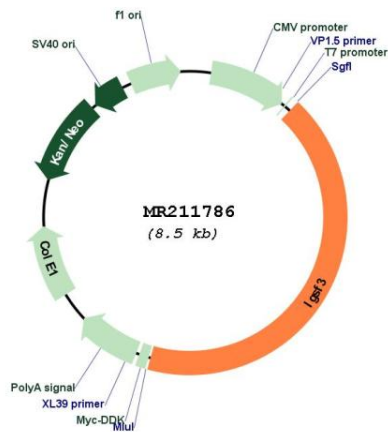


ACCN: NM_207205

ORF Size: 3582 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:	NM_207205.2 , NP_997088.2
RefSeq Size:	7330 bp
RefSeq ORF:	3585 bp
Locus ID:	78908
UniProt ID:	Q6ZQA6
Cytogenetics:	3 44.3 cM
MW:	135.2 kDa

Product images:



Circular map for MR211786