

Product datasheet for **RN207819**

Itfg2 (NM_001108648) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itfg2 (NM_001108648) Rat Untagged Clone
Tag: Tag Free
Symbol: Itfg2
Synonyms: RGD1311944
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207819 representing NM_001108648
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGTCGGTTAGCTATGTGCAGCGCGTGGCGCTGGACTTCAGCGGGAGTCTCTCCCGCACGCCATCT
 GCCTCGGAGACGTCGATAACGACGCGTTAAATGAGCTGGTAGTAGGAGACACCAGCGGAAAAGTACGT
 GTATAAGAGTGATGACAGCCGGCCGTGGCTTACCTGTGCATGCCAGGGAATGTTGACTTGCCTGGGGTC
 GGAGATGTCTGCAATAAAGGGAAGAACCTGGTGGTAGCAGTCAGCGCAGAAGGCTGGCTTCACTTGT
 ACCTGACACCCACCAAGGCTCTGGATGCTTCTGGGCACCATGAGACACTTGTGCGAGGAGCAGCGACCTGT
 CTTCAAGCAGCACATCCCTGCCAACACAAGGTCATGCTGATCAGCGACATCGATGGAGATGGGTGTTAT
 GAGCTGGTGGTAGGATACACAGACCGTGTGGTGCGGCCCTCCGCTGGGAAGAGCTGACTGAGGGCCCTG
 AACACCTGGCAGGGCAGTTGGTGTCCCTCAAGAAGTGGATGCTGGAGGGTCAGGTAGACAGTCTCTCTGT
 GACCCAGGACCCCTGGGTGTGCCTGAGCTGGTGTGTGCACAGCCAGGGTGTGCTTATGCAGTTCTCCTG
 TGCACCTGGAACAAGGACTGGCTCCCTCCTGCCTCTGAGGAGGCCACAGGAGACAGTAGGGAGACCC
 CAGCTGCCCAGATGTGGTACTGCACCAGACCTCTGGCCGGATCCACAACAAGAAGCTTCCACTCACCT
 AATTGGCAACATCAAACAAGGTCATTACCCTGAAAGTGGTAACGCAGGCCCTCTTTGCCCTGTGTACCTTA
 GATGGAACACTGAAGCTGATGCAGGAAGCAGATAAGTTGCTGTGTCAGGTGGATCACCAGCTCT
 TTGCCCTGGAAAAGCTGGATGTACGGGCAATGGGCTTGAGGAGGTGGTAGCCTGTGCCTGGGATGGACA
 GACATATATCATCGATCACAACCGCACTGTTGTGCGCTTCCAAGTGGATGAAAATATCCGTGCCCTTCTGT
 GCAGGCCAGTACGCTGCAAAGAGGGCCGCAATAGTCCCTGCTTGGTCTATGTCACCTTCAATCAGAAGA
 TCTATGTGTAAGTGGAAAGTGCAGCTGGAACGCATGGAGTCCACTAATCTTCTGAAGCTGCTGGAGCCGA
 GCCTGAGTACCACAGCCTACTGCAGGAGCTGGGTGTGGATTGTTT**GTA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001108648
Insert Size:	1239 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:	<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_001108648.1, NP_001102118.1</u>
RefSeq Size:	1933 bp
RefSeq ORF:	1239 bp
Locus ID:	362441
Cytogenetics:	4q42