

Product datasheet for **RN202624**

Ift88 (NM_001107266) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ift88 (NM_001107266) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ift88
Synonyms:	Ttc10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202624 representing NM_001107266
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGAAAATGTTTCATCTGGCACCAGAAACAGATGAGGATGATCTTTACTCTGGTTTCAATGACTACA
 ATCCAGCCTACGATACTGAGGAGTTGGAGAATGACACGGGTTTTTCAGCAAGCAGTGAGAACCAGTCATGG
 CAGAAGACCTCCAGTAACTGCAAAGATACCAAGCACAGCTGTGACGAGACCCATAGCTACTGGATATGGG
 TCCAAGACATCCCTGACATCATCAATGGGAAGGCCGATGACAGGGACTATTCAGGATGGAGTTGCTCGAC
 CGATGACGGCGGTGAGAGCAGCTGGCTTTTCCAAGGCAGCTTTCGAGGGCTCTGCATTTGACCCCTTGG
 TCAGTCTAGGGGCCCTGCTCCTCTTTGGAAGCCAAAAATGAAGACAGTCCAGAAGAAAAGATTAGACAG
 TTAGAGAAGAAAGTAAATGAGTTGGTGGAAAGAGCTGTATTGCCAACAGTTGTGGAGACTTAAACTGG
 CCTTAGAGAAGGCAAAAGATGCAGGAAGAAAAGAGAGAGTCTGGTGAGACAACGAGAGCAAGTCACAAG
 TCCAGAAAATATCAACTGGACCTAACCTACTCCGTTCTTTTCACTTGGCAAGTCAGTATTCTGCTAAT
 GAAATGTATGCAGAAGCACTAAACACATACCAAGTTATAGTGAAAAATAAGATGTTTAGCAATGCAGGAA
 GACTGAAAGTGAATATGGGAAATATTTATTTAAAGCAGAGGAATTATCCAAAGCTATTAATTTCTACCG
 AATGGCCTTAGATCAGATCCCAAGTGTCCATAAAGAAATGAGGATTAATAATGCAGAACATCGGGATC
 ACGTTTATAAAGACCGGTGAGTACTCAGACGCCATCAACTCATTTCGAGCAGATCATGAGCATGGCCCAA
 GCCTGAAGGCAGGCTTCAACCTCATTCTCAGCTGCTTCGCCATTGGAGATCGAGAGAAAAATGAAGAAGGC
 ATTCAAAAAGTTAATTGCTGTTCCGTTGGAAATGACGAAGACGATAAATATATCTCCCCAGTGATGAT
 CCCCATACTAATTATTGATTGAAGCTATAAAAAATGACCATCTTAGGCAATGGAACGTGAAAGGAAAG
 CCATGGCAGAAAAATACATCATGACAGCTGCAAAACTCATTGCTCCTGTGATCGAAGCCCTCTTTGCTGT
 GGGTTATAACTGGTGTGTGGAAGTAGTGAAGGCCCTCTCAGTACGTGGAGCTGGCCAACGACCTGGAGATT
 AACAAAGCAATCACCTACTTGAGACAGAAGGACTTCAACCAGGCTGTAGACACATTGAAAAATGTTTGAGA
 AGAAGGACAGTAGAGTGAAGAGTGCAGCTGCGACCAACCTCTCATTCTGTATTATCTGGAGAACGAATT
 TGCCCAAGCCAGCAGCTATGCAGATTTAGCTGTGAGCTCAGACAGATAACAACCCATCAGCTCTACTAAC
 AAGGGGAACACAGTGTGGCAAATGGTACTACGAGAAGGCAGCTGAGTTCTATAAAGAGGCCCTAAGAA
 ACGATTCTTCTGTACTGAAGCACTTTATAACATTGGCCTCACCTACAAGAAGCTCAACCGCCTGGACGA
 AGCGTTGGACTCCTTCTGAAACTGCATGCAATCCTTCGGAACAGCGCTCAAGTTCTGTGCCAGATAGCA
 AATGTATACGAGTTAATGGAAGATCCCAATCAGGCTATTGAGTGGCTGATGCAGTTGATCAGCGTGGTTC
 CAACTGATTCCTCAAGCGCTGTCTAAACTGGGAGAGTTGTACGATAGTGAGGGAGACAAGTCCAGGCGTT
 CCAATATTAATGAGTCATATAGGTATTTCCCTTCTAACATTGAAGTCATCGAATGGCTTGGAGCTTAT
 TACATTGATACCCAGTTCTGCGAGAAAGCCATTGAGTACTTTGAAAGAGCTTCCCTTATACAACCCACAC
 AAGTGAATGGCAGCTGATGGTAGCTAGCTGTTTTAGAAGAAGTGGTAACTACCAAAAGGCATTAGATAC
 TTACAAAGAGATTCACAGGAAATTTCCAGAGAATGTTGAATGTTTGCCTTCTTGGTTCTGCTCTGCACA
 GATATTGGATTAAGAAGATTCAAGAATATGCCACAAACTCAAGAGGTTGGAAAAATGAAAGAAATGC
 GGAACAGCGCATAAAATCAGGCAGAGACAGCGCGGGGCTCTCGCAGCAAACGAGAGGGGAGCGCTGG
 CAGTGATAGTGGCCAGAACAGTAGTGCCAGTAGTAAAAGTGAACGACTGAGTGCCAAGCTCAGAGCTTTG
 CCTGGGACAGACGAACCTTATGAAAGTAGCGGGAACAAAGAAATAGGCAATGCCTCCTATGTGGATCCA
 CTGGGCCCTCAGATAGAAAGACCAAAACTGCAGCCAGAAGAGAATCGACGAGGACGATTTTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001107266
Insert Size: 2448 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_001107266.1</u> , <u>NP_001100736.1</u>
RefSeq Size:	3068 bp
RefSeq ORF:	2448 bp
Locus ID:	305918
Cytogenetics:	15p12