

Product datasheet for **RN204734**

Itch (NM_001005887) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itch (NM_001005887) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itch
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204734 representing NM_001005887
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGTAGTCTGACCATGAAATCTCAACTTCAGATTACTGTCATCTCAGCCAAACTTAAAGAAAAATAAA
 AGAATTGGTTTGACCAAGTCCTTATGTAGAAGTCACAGTAGATGGGCAGTCAAAGAAGACAGAAAAATG
 CAACAATACAAACAGCCCAAGTGAAGCAGCCCTCACAGTTATCGTTACCCCTATGAGTAAATATGT
 TTTCTGTGTGGAGTCACCAGACCTGAAATCTGATGTTTTATTGGAACTGCTGGATTAGATATTTATG
 AAACATTAAGTCAAACAATATGAACTTGAGGAAGTAGTTATGACTTTGCAGCTTGTAGGTGACAAAGA
 GCCAACAGAGACAATGGGAGATTTGTCAGTTTGTCTTGATGGGCTGCAAGTAGAAGCTGAAGTTGTTACT
 AATGGTAAACTTCATGCTCAGAGGGTGTACACAGAATGACGCTGGCTGCAGACCCAAAGATGAAACAA
 GAGTGAGCACAATGGATCAGAGGACCTGAGGTTGCAGCCTCGGGGAGAACAAGAGGGCCAATGGGAA
 CAATTCTCCATCCCTTCAAATGGTGGTTTTAAGCCTTCTAGACCTCCTAGACCTCAAGACCACCTCCA
 CCCACCCACGAAGACCAGCTTCTGTCAATGGCTCACCATCCACGAACCTGACAGCGATGGATCTAGCA
 CAGGCTCTTTGCCACCCACAAATACAAATGTAATTTCAAGTGCATCGGAAGGAGCAGCATCTGGGTTAAT
 AATTCTCGTACCATCTCTGGGGCTCAGGCCCTAGGCCGCTGAATACTGTCAAGCTCCCCTCCCA
 CCTGGGTGGGAGCAGAGAGTAGATCAGCATGGCGTGCTACTATGTAGACCATGTTGAAAAGCGAACAA
 CACGGGATAGACCGAACCTCTACCTCTGGCTGGGAACGGCGTGTGGACAATATGGGACGATTTTATTA
 TGTTGACCATTTACGAGAACCACAACATGGCAGAGGCCGACCTTGAATCTGTCCGGAACATGAGCAG
 TGGCAGCTCCAGCGTAGTCAACTTCAGGGAGCAATGCAGCAGTTAACCAGAGATTCATCTTTGGGAATC
 AAGATTTGTTTGTACATCACAAAACAAGAGTTTGATCCCCTTGGTCTTTGCCCTGGATGGGAGAAC
 GAGAACTGATAGCAACGGCAGAGTGTATTTTGTCAACCACAACACTCGGATTACACAGTGGGAAGACCCC
 AGAAGCCAAGGTCAAGTAAATGAAAAGCCCTTACCAGAAGGCTGGGAAATGCGATTACAGTGGATGGAA
 TTCCATATTTTGTGGACCACAATAGAAGAGCAACTACCTACATAGATCCACGCACAGGAAAGTCAGCCTT
 AGACAACGGACCCAGATAGCCTATGTTGGGACTTCAAGGCAAAAAGTTCAGTATTTCCGGTCTGGTGT
 CAGCAACTGGCCATGCCACAGCATATAAAGATCACAGTACAAGAAAAACATTGTTTGGAGTTCCTTTC
 AACAGATCATGAGCTTCAGTCCGCAAGATCTGAGAAGACGTTTGTGGGTGATTTCCAGGAGAAGAAGG
 TTTAGATTATGGAGGTAGCAAGAGAATGTTCTTTCTTTTGTACATGAAGTGTGAACCAATGTAT
 TGCTGTTTGAATATGCAGGGAAGGATAACTACTGCCTGCAGATAAACCCCGCTTCTTATATCAACCCAG
 ACCACCTGAAATACTTCCGTTTTATTGGCAGATTTATTGCCATGGCTCTATTCCATGGGAAATTCATAGA
 TACCGGATTTTCTTACCATTCTATAAACGTATCTTGAATAAACCAAGTGGGACTTAAGGATTTAGATCT
 ATCGATCCAGAATTTTACAATTCTCTCATCTGGGTTAAAGAAAACAATATCGAGGAATGTGGTTTGGAAA
 TGTAATCTCAGTTGATAAAGAAATTTCTGGGTGAAATTAAGAGTCATGATTTGAAACCAATGGTGGCAA
 TATTCTGGTGACAGAAGAAAATAAGGAAGAGTACATCAGGATGGTCGCTGAGTGGAGTTGTCTCGGGGA
 GTTGAAGAGCAGACACAAGCTTTCTTTGAGGGCTTTAATGAAATCTTCTCAGCAATATTTGCAATATT
 TTGATGCGAAGGAATTAGAGTCTTTTGTGTGGGATGCAGGAGATCGATTTGAATGACTGGCAGAGACA
 CGCCATCTACCGTCACTATACCAGGACGAGCAAGCAGATCGTGTGTTTTGGCAGTTTGTAAAGAAAT
 GATAACGAGAAGAGGATGCGACTTCTGCAGTTTGTACCAGAACCTGCCGATTGCCAGTGGGAGGATTTG
 CTGACCTCATGGGAGTAAATGGACCACAGAAGTTCTGCATCGAAAAAGTTGGCAAAGAAAATTTGGTTACC
 CAGAAGCCATACTGTTTTAACCGCTGGACCTCCACCCCTACAAGAGCTATGAGCAACTGAAGGAAAAG
 CTGTTATTTGCCATTGAAGAAACTGAAGGATTTGGACAAGAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001005887
Insert Size: 2565 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_001005887.1</u> , <u>NP_001005887.1</u>
RefSeq Size:	2565 bp
RefSeq ORF:	2565 bp
Locus ID:	311567
Cytogenetics:	3q41