

Product datasheet for **RN208392**

Trak1 (NM_001134565) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trak1 (NM_001134565) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trak1
Synonyms:	OIP106; RGD1307844
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208392 representing NM_001134565
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCATTGGCGATTAGCTCAGGCAGCCCTCCAGGGCCCAACCTCTGCCGGACTCGACCACACTGG
 CTGGGACAAACTCCTGTGACGTGTGCAACAGCACCAACCTTCCAGAAGTGAGATCATTAGCCTGC
 GGAGCAGCTGCCCACTACAAGCTAAGAGCGGACACCATCTATGGTTATGACCACGATGACTGGCTGCAC
 ACGCCCTCATCTCCCCAGATGCCAACATCGACCTCACAACCGAGCAGATCGAAGAGACGCTGAAGTACT
 TCCTTCTATGTGCCGAAAGAGTTGGCCAGATGACTAAGACATAACAATGACATTGATGCTGCACAAGGCT
 TCTTGAGGAGAAAGAGCGGGATTTGGAGCTGGCTGCGAGGATCGGCCAGTCATTGTTGAAGAAGAACAAG
 ACCCTAACTGAGAGGAACGAACGCTGGAAGAGCAGGTGGAGCACATCCGGGAAGAGGTGTCTCAGCTCC
 GCCATGAGCTGTCCATGAAGGATGAGCTGCTTCAGTTCTACACCAGTCCCGCGGAGGAGAGTGAAGCTGA
 GTCTGTCTGCTCAACCCGCTGAAGAGGAACGAGTCATCTCCTCCGTCAGAATTACTTCCACCTGGAC
 TCTCTTCAGAAGAAGCTGAAGGACCTCGAAGAGGAGAAGCTCGTACTTCCGATCTGAGGCTTGTGAGCTGA
 AGACGGAGACCATCACCTATGAGGAGAAGGAGCAGCAGCTGGTGAACGACTGTGTGAAGGAGCTGAGGGA
 TGCTAACGTCCAGATTGCGAGCATCTCTGAGGAGCTGGCCAAGAAGACGGGAAGTCCGCGCCGCCAGCAG
 GAGGAGATCACGCACCTGCTGTGCAAAATCGTGGACTTGCGAGAAGAAGCGGAAATCCTGTGCGGTGGAAA
 ATGAAGAACTTGTCCAGCACCTGGGCGCTGCCAAGGATGCGCAGCGCCAACTCACAGCCGAGCTTCGAGA
 GCTGGAGGATAAGTACGCCGAATGCATGGAGATGCTTCATGAGGCTCAGGAGAACTGAAGAACCTGCGG
 AACAGACGATGCCACATCCCGCGCTACCACCTCCCTGGGCTGTTCCCATGGACTCCTTGGCTGCCG
 AAATTTGAGGAAACCATGCGCAAGGAGCTGACGCTGGAAGAGCGGAGTCCCAGACATACCCACAGAA
 GCGTGTCTTTGAGACGGTGAGAAAATGCAATCAAGTGGTCAAGCAGAGATCGCTAACCCCTTCCCCATG
 AACATCCCGGGCTCCAACAGTCTTCCAGCCATGAACTCCCTCCTGTCCAGCTGCGTCAGCACCCCGCTT
 CCAGTCTTACGGCAGCGATGTCAGCCAGTGGTCTCGATAACAAAACCAACAGCATCCTCCTGGAAC
 TGAGGCAGCCGACCTGGGAATGAGGAGACAATAAGAAGCCGGGCACACCAGGCACACCAGGCTCCCAT
 GACCTGGAGACGGCACTTAGGCGGCTATCCCTGCGCCGAGAGAATACCTATCTGAGCGGAGTTCTTCG
 AGGAGGAGCAGGAGGAAGCTGCGAGAGCTGGCTGAGAAGGAGAGCTGCACAGTGGCTCGCTCACGCC
 CACCGAGAGCATCATGTCCCTGGGCACACACTCACGCTTCTCCGAGTTCACGGGCTTCTCCGGCATGTCC
 TTCAGCAGCCGCTCCTACCTGCCGAGAAGCTGCAGATCGTGAAGCCACTCGAAGTTTCAGCCACACTTC
 ACCATTGGCAGCAATTGGCCAGCCTCACCTCGGGGGCATCCTGGACCCCGCCCTGGTGTGGTACCAA
 GGGCTTCCGACTTTGGACGTTGACCTGGATGAAGTGTACTGCCTTAACGACTTTGAGGAAGATGACACA
 GGTGACCACATTTCTCTGGCGGGCTAGCTACCTCCACAACAATTCAGCACATGGAGACCTCAGCGCACC
 ACCCTGGGAAGTGCATGTCACAGACCAACTCGACTTTCACCTTTACCACCTGCCGCATCCTGCACCCCTC
 AGACGAGCTCACGCGGTACGCCAAGCCTTAACCTCAGCCCGAGTCCATCTTGTAGCAGCACCAGCCAC
 TTGAAATCCACGCCGGTGGCCACGCCATGCACCCCGGAGACTGAGCCTGGCCGAGTCTTACAAACG
 TCCGCGAGTCCACGACAACCATGAGCACGTCCCTGGGGCTGGTGTGGTTGCTGAAGGAACGAGGCATCTC
 AGCGGCTGTGTACGACCCCGAGTTGGGACAGAGCCGGCAGGGGCTCCCTCCTCACTTTATACCCCT
 AGGATGGCTGTGATCCCGTCCACCCACCAAAATCCCTATGCAGACGCCCTCGGCCTCCCGCCCTCCT
 TCGAGTTCAAGTGCACGAGCCCTCCCTACAACAATTCCTGGCTTCAAGCCTGCCAGCTCCATCCTGAG
 GGAGGTGAGGGAGAAGAAGCACGTGAGGAGCAGTGAAGCCAGACGAGCTGTCTGTCTCAACCTTAAC
 CTTGTGGACAAAGTCAAGGAGTTTGGGGTGGCCAGAGTGGTGAACCTCAGGACGAGCCACATCCCCACCT
 TGACTGAGGATCAGGGACCTCTCCTCTGTGGACCGACCGGCCAGCACACGCTCTGTCCCTGGGGGCT
 GGTCCCCGAGGGACTGCCTTTGGGTGCCAGTGGCATCCGACGGAATCGCAGCTTCCCCACCATGGTC
 GGGTCCAGCGTGCAGATGAGGGCTCTGTAATCCTCACCTCTGGCATCTAATGGGTGCTAAGCTCCCCA
 AACAGACTAGCTTGC**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001134565
Insert Size:	2820 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_001134565.1</u> , <u>NP_001128037.1</u>
RefSeq Size:	4788 bp
RefSeq ORF:	2820 bp
Locus ID:	316085
Cytogenetics:	8q32