

## Product datasheet for **MC222570**

### Trak2 (NM\_172406) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trak2 (NM_172406) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trak2
Synonyms:	2900022D04Rik; 4733401O11Rik; AI480836; Als2cr3; AW046271; CALS-C; GRIF-1; GRIF1; mKIAA0549
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>MC222570 representing NM\_172406  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGTCAATCCCAGAATGCCATTTTCAAATCACGAACAGGTGAAGCAAACCTCATGAGTAGCAATCATA  
 GAGACTCGGAGAGCATCACTGATGTCTGCTCCAACGAGGATCTCCCTGAAGTCGAGCTGGTGAACCTTGCT  
 AGAAGAACAGCTGCCACAGTATAAGCTAAGAGTAGATTCTTTTTTCTCTATGAAAAACCAAGACTGGGCA  
 CAGTCATCACACCAGCAGCAGGATGCGCCTGAGACCCTCTCCCCAGTCCTTGCTGAAGAGACGTTCCGCT  
 ACATGATTCTAGGCACAGACAGAGTGGAGCAGATGACCAAAACCTACAATGACATTGACATGGTCACACA  
 TCTCTGGCAGAGAGGGATCGAGATCTAGAGCTAGCTGCCGAATTGGGCAAGCTCTTTAAAGCGAAAC  
 CATGTCTTATCTGAGCAGAATGAAGCTCTGGAGGAGCAGTTGGGACAAGCCTTTGATCAAGTTAATCAGC  
 TGCAGCACGAGCTCTCAAGAAAGACGAGCTGCTCCGAATCGTCTCTATTGCCTCCGAGGAGAGTGAAC  
 GGATTCTAGCTGCTCCACGCCCTTCGGTTCAATGAGTCTTCAGCTTATCTCAGGGGCTGCTGCAGCTG  
 GACATGCTGCATGAGAAGCTCAGGGAGCTGGAAGAAGAGAACATGGCCCTACGATCCAAGCTTGTCCATA  
 TCAAGACAGAAACATTTACCTATGAAGAGAAGGAACAACAGCTCGTCAATGACTGTGTTAAAGAACTTCG  
 TGAGACCAATGCACAGATGTCCAGAATGACTGAAGAGCTGTGGGAAAGAGCGACGAGCTGCTCCGGTAC  
 CAAGAGGAGATCTCCTCCTGCTGTCTCAGATCGTAGACCTTCAGCACAAACTGAAAGAGCATGTGATCG  
 AGAAGGAAGAACTAAGACTTCACCTGCAGGCTTCCAAAGATGCCAGCGACAGCTGACAAATGGAGCTTCA  
 TGAGTTACAGGACAGGAACATGGAATGCCTGGGAATGTTACATGAGTCCCAAGAAGAAATAAAGAGCTT  
 CGTAGCAAGTCCGGCCCTTCTGCTCATCTGCTTCTCCAGTCTTACGGCGTTTTTACAGGGGAATCGT  
 TGGCAGCTGAGATTGAAGGGACCATGCGTAAAAAGCTGAGTTTGGATGAGGAATCTGTCTAAACAAAA  
 GGCCACAGCAGAAACGGGTGTTTGATACTGTCAAGGTTGCCAATGACACTCGGGGCCGCTCTGTACCTTC  
 CAGTCTGCTACCCATCCCAGGCTCCAACCGTTCAAGTGTATCATGACAGCAAAGCCCTTTGAGTCTG  
 GTGTCCAGCCAGCAGAGGACAAAACTCCTGAGCCCAGGGGCGAGCACAGAGGTTCCAGGAAACTCGCA  
 GCCCACAACCCCCAGGATCCCCTGAAGATAGTATCTGGTACTGCATTGCATCGCCTCAGCCTGAGA  
 AGACAGAACTACCTAAGTGAGAAGCAGTCTTTGCTGAGGAATGGGAACGGAAGATCCAGATCTTGGCTG  
 AGCAGGAGGAAGAAGTACGAGCTGTGACGCCCCACGGAGAACCTTGCCTCAGTCTGCACTGACCAGTC  
 GGAGACCACGGACTCGGCAGTCCAGCTGCCTTCGAGGCTTCATGCCAGAGAAGTTACAGATTGTCAAG  
 CCCCTAGAAGGATCACAGACTCTGCATCACTGGCAGCAGCTTGTCTCAGCCGAACCTGGGAACCATCTTG  
 ATCCACGCCAGGCGTCACTAAAGGCTTCACACAGGTGCCCAAGGATGTTGTCTACCACATCTCGGA  
 CTTAGAGGAGGATGAAGAAGAGGGCATCACTTTTCAGGTTCAAGCAGCCTCTTCAACTGGAGCAGAAACCT  
 GCACTGCCACGCCAGTAACGGGAATCTTTCTGCCGCCATGACCTCAGCGGGTGGACCAGGTACAGTTG  
 CAACTTCGAACCCAGGAAAGTGTCTCTCATTACCAACTCGACATTCACCTTCACCACCTGCAGGATCTT  
 ACATCCCTCTGACATCACTCAGTCAACCCTAGCTCCGGTTTCCCATCACTGGCCTGTGGCAGTAGTGCG  
 AGCAGCTCATCCAACACGGCTGTGAACCTCCCTGCTGCATCCTATAGACTAAGCATTGGCGAATCCATCA  
 CAAACCGCAGGGACTCCACCATAACCTTCAGTAGCACCAGGAGCTTAGCCAAACTCTGCAGGAGCGAGG  
 CATCTCTGCTAAAGTGTACCACAGCCCGCTTCAGAAAAACCCCTCCTGCAGCCTTGCCCAAGGCCCTG  
 GCCACCCCTCCACACCACAAATTCACAGCGCAGTCAACGTGCTCCTCCCTTGGCCCTTTGAACCCC  
 GAGTGCATGTCTCCGAGAATTTCTGGCTTCCCGACCAGTGAACATTCTGCAAGAAATGTATGGCTT  
 GAGACCTTCAAGGGCCCTCCTGATGTTGGACAGCTGAAGATGAACCTGGTAGACAGGCTGAAGAGGCTG  
 GGAATAGCCAGGGTGGTCAAGACCCCTGATCCCCAGGAGAACGAAAAAGCCGAGAAGCAGAAATGGGTC  
 TTCAAAAACAGACCCTGCTGTTATTTAAATTCAGGTGGCAGTTTATTGTGGACTGAGGAGGAATCA  
 GAGTCTCCGGTCATGATGGGTAGCTTTGGAGCCCAAGTTGCACAACCTACCCAAAATGGGTATCCTG  
 AAGGAAGATTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

ACCN:	NM_172406
Insert Size:	2742 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_172406.3</a> , <a href="#">NP_765994.2</a>
RefSeq Size:	6286 bp
RefSeq ORF:	2742 bp
Locus ID:	70827
Cytogenetics:	1 C1.3