

## Product datasheet for **SC125723**

### TRIP13 (NM\_004237) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRIP13 (NM_004237) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIP13
Synonyms:	16E1BP; MVA3; OOMD9
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

>OriGene sequence for NM\_004237 edited  
 CGAAGCTAGGGCGGGCCCGCGGGCTGAGGCAGCGGCTGTGGCGGCGACGCTGGGCGTGA  
 GGTGGCGGCGGCCCGCCCTGGTTGGGTCCCCTGCTCTCGGGGCGCCATGGACGAGG  
 CCGTGGGCGACCTGAAGCAGGCGCTTCCCTGTGTGGCCGAGTCGCCAACGGTCCACGTGG  
 AGGTGCATCAGCGCGCAGCAGCACTGCAAAGAAAGAAGACATAAACCTGAGTGTAGAA  
 AGCTACTCAACAGACATAATATTGTGTTGGTATTACACATGGACTGAGTTTGTGAAC  
 CTTTTTTGACCAGAAATGTCAGTCTGTGTCTATTATTGACACAGAATTAAGGTTAAAG  
 ACTCACAGCCCATCGATTTGAGTGCATGCACTGTTGCACCTCACATTTTCCAGCTGAATG  
 AAGATGGCCCCAGCAGTAAAACTCTGGAGGAAGAGACAGAAAACATAATTGCAGCAAATC  
 ACTGGGTTCTACCTGCAGCTGAATTCCATGGGCTTTGGGACAGCTTGGTATACGATGTGG  
 AAGTCAAATCCCCTCTCCTCGATTATGTGATGACAACCTTACTGTTTTTCAGACAAGAACG  
 TCAACAGCAACCTCATCACCTGGAACCGGGTGGTGTCTCCACGGTCTCCTGGCACTG  
 GAAAAACATCCCTGTGTAAGCGTTAGCCAGAAATTGACAATTAGACTTTCAAGCAGGT  
 ACCGATATGGCCAATTAATTGAAATAAACAGCCACAGCCTTTTTCTAAGTGGTTTTCGG  
 AAAGTGGCAAGCTGGTAACCAAGATGTTTCAGAAGATTCAGGATTTGATTGATGATAAAG  
 ACGCCCTGGTGTTCGTGTGATTGATGAGGTGGAGAGTCTCACAGCCGCCGAAATGCCT  
 GCAGGGCGGGCACCGAGCCATCAGATGCCATCCGCGTGGTCAATGCTGTCTTGACCCAAA  
 TTGATCAGATTAAGGCAATCCCAATGTTGTGATTCTGACCATTCTAACATCACCGAGA  
 AGATCGACGTGGCCTTCGTGGACAGGGCTGACATCAAGCAGTACATTGGGCCACCCTCTG  
 CAGCAGCCATCTTCAAAATCTACCTCTCTTGTGGTGAAGAAGTGAAGTGCAGATCA  
 TATACCCTCGCCAGCAGCTGTGACCCTCCGAGAGCTAGAGATGATTGGCTTCATTGAAA  
 ACAACGTGTCAAATTTGAGCCTTCTTTTGAATGACATTTCAAGGAAGAGCGAGGGCTCA  
 CGGGCCGGTCTTGAGAAAACCTCCCTTTCTGGCTCATGCGCTGTATGTCCAGGCCCCCA  
 CCGTCACCATAGAGGGGTTCTCCAGGCCCTGTCTCTGGCAGTGACAAGCAGTTTGAAG  
 AGAGAAAAGAGCTTGCAGCTTACATCTGATCCTGGGCTTCCCCATCTGGTGTCTTTCCCA  
 TGGAGAACACACAACCAGTAAGTGAAGTTGCCACACAGCCGTCTCCAGGGAATCCCT  
 TCTGCAAACCAACGTTACTTAGACTGCAAGCTAGAAAGCCACCAAGGCCAGGCTTTGTT  
 AAAAGAAGTGTATTCTATTTATGTTGTTTTAAATGCATACTGAGAGACAAACATCTTGT  
 CATTTTCACTGTTTGTAAAAGATAATTCAGATTGTTTGTCTCCTTGTGAAGAACCATCGA  
 AACCTGTTTGTCCAGCCACCCCAAGTGGATGGGATGCATAATGCCAGCAAGTTTTGT  
 TTAACAGCAAAAAGGAAGATTAATGCAGGTGTTATAGAAGCCAGAAGAGAACTGTGTC  
 ACCCTAAAGAAGCATATAATCATAGCATTAAAAATGCACACATTACTCCAGGTGGAAGGT  
 GGCAATTGCTTTCTGATATCAGCTCGTTTGATTTAGTGCAAAAATGTTTTCAAGACTATT  
 TAATGGATGTAAAAAGCCTATTTCTACATTATACCAACTGAGAAAAAAATGGTCGGTAA  
 AGTGTCTTTTCATAATAAATAATCAGACATGGTCCATTTGCAGGAAAAGTGCAGACTCT  
 GAGTGTTCAGGGAAACATGCTGGACATCCCTTGTAAACCCGGTATGGGCGCCCTGCA  
 TTGCTGGGATGTTTCTGCCACGGTTTTGTTTGTGCAATAACGTTATCACATTTCTAATG  
 AGGATTCACATTAATATAATAAATAAATAAATAGGTCAGTACTGGTCTCTTTCTCCGAAT  
 GTTATGTTTTGCTTTTATCTCACAGTAAAATAAATAAATAAATTAATGGTTTGCATGTAAAT  
 TCACTTTTGAAGAACATGTTACCTTACCTTTTGTGTTTGAAGTTTTCAAGTATTAATAAT  
 ATTTTTAGAAAAAAAAAAAAAAAAAAAAAAAAA

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_004237 unedited TCAGATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGAAGCTA GGGCGGGGCCCGGGCTGAGGCAGCGGCTGTGGCGGCGACGCTGGGCGTGAGGTGGCGG CGGCCGCGCCCTGGTTGGGTCCCCACTGCTCTCGGGGGCGCCATGGACGAGGCCGTGGGC GACCTGAAGCAGGCGCTTCCCTGTGTGGCCGAGTCGCCAACGGTCCACGTGGAGGTGCAT CAGCGCGGCAGCAGCACTGCAAAGAAAAGAAGACATAAACCTGAGTGTAGAAAAGCTACTC AACAGACATAAATATTGTGTTTGGTGATTACACATGGACTGAGTTTATGAACCTTTTTTG ACCAGAAATGTGCAGTCTGTGTCTATTATTGACACAGAATTAAGGTTAAAGACTCACAG CCCATCGATTTGAGTGCATGCACTGTTGCACTTACATTTTCCAGCTGAATGAAGATGGC CCCAGCAGTGAATACTGGAGGAAGAGACAGAAAACATAATTGCAGCAAATCACTGGGTT CTACCTGCAGCTGAATTCATGGGCTTTGGGACAGCTTGGTATACGATGTGAAAGTCAN ATCCCATCTCCTCGATTATGTGATGACCACTTTACTGTTTTTCCAGACAAGAAACGTACAG CAACCTCATCACCTGGAACCCGGTGGTGNCTGCTCACNGTCTNCTGGCACTGGAAAAC ATCCNTGTGNTAAGCGTTAGCCAGAAATGACATTAGACTTTCCAGCAAGTACCGATAGGC CANATTAATTGAATAAACAGCCAGCCCTCTTTTCTAATGGGTTTCGGGAAGTGGCAGCTG GTACCCAGATGTTTCAAGATTCAGATTTGATGATGATAAGACCCCTGGTGTTCCTGCTG ATGATGAGTGGAAAGTCTACAACGCCCGAAATGCTGCAGGCGGGCACGAGCATCAGAGCA TTCCT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_004237
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<u><a href="#">NM_004237.2</a></u> , <u><a href="#">NP_004228.1</a></u>
<b>RefSeq Size:</b>	2372 bp
<b>RefSeq ORF:</b>	1299 bp
<b>Locus ID:</b>	9319
<b>UniProt ID:</b>	<u><a href="#">Q15645</a></u>
<b>Cytogenetics:</b>	5p15.33
<b>Protein Families:</b>	Druggable Genome, Stem cell - Pluripotency, Transcription Factors

**Gene Summary:**

This gene encodes a protein that interacts with thyroid hormone receptors, also known as hormone-dependent transcription factors. The gene product interacts specifically with the ligand binding domain. This gene is one of several that may play a role in early-stage non-small cell lung cancer. [provided by RefSeq, Oct 2009]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).