

## Product datasheet for **SC108283**

### **TYRO3 (NM\_006293) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TYRO3 (NM_006293) Human Untagged Clone
Tag:	Tag Free
Symbol:	TYRO3
Synonyms:	BYK; Dtk; Etk-2; Rek; RSE; Sky; Tif
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC108283 sequence for NM\_006293 edited (data generated by NextGen Sequencing)

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ATGGCGCTGAGGCGGAGCATGGGGCGGCCGGGGCTCCCGCCGCTGCCGCTGCCGCCGCCA
CCGCGGCTCGGGCTGCTGCTGGCGGCTCTGGCTTCTCTGCTGCTCCCGGAGTCCGCCGCC
GCAGGTCTGAAGCTCATGGGAGCCCCGGTGAAGCTGACAGTGTCTCAGGGCAGCCGGTG
AAGCTCAACTGCAGTGTGGAGGGGATGGAGGAGCCTGACATCCAGTGGTGAAGGATGGG
GCTGTGGTCCAGAACTTGACCAGTTGTACATCCAGTCAGCGAGCAGCACTGGATCGGC
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TGCGGCATGGAGTACCTGAGCTCTCGGAACTTCAATCCACCGAGACCTGGCTGCTCGGAAT
TGCATGCTGGCAGAGGACATGACAGTGTGTGTGGCTGACTTCCGACTCTCCCGGAAGATC
TACAGTGGGACTACTATCGTCAAGGCTGTGCCTCCAACTGCCTGTCAAGTGGCTGGCC
CTGGAGAGCCTGGCCGACAACCTGTATACTGTGCAGAGTACGTTGGGCGTTCCGGGGTG
ACCATGTGGGAGATCATGACACGTGGGCAGACGCCATATGCTGGCATCGAAAACGCTGAG
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GACCCCTTATACATCAACATCGAGAGAGCTGAGGAGCCACTGCGGGAGGCAGCCTGGAG
CTACCTGGCAGGGATCAGCCCTACAGTGGGGCTGGGGATGGCAGTGGCATGGGGGAGTG
GGTGGCACTCCCAGTACTGTGCGTACATACTACCCCCGAGGGCTGGCTGAGCAGCCA
GGGCAGGCAGAGCACCAGCCAGAGAGTCCCTCAATGAGACACAGAGGCTTTTGTGCTGT
CAGCAAGGGCTACTGCCACACAGTAGCTGTTAG

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Clone variation with respect to NM\_006293.3  
747 t=>c

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_006293 unedited NACTCTNAGCCTGAGGCCGCGGGNACGGTATAACAATTCTCACACAGGCAAACAGCTATG ACCATTAGGCCTATTTAGGTGACACTATAGAACAAGTTTGTACAAAAAGCAGGCTGGTA CCGGTCCGGAATCCCGGGATATCGTCGACCCACGCGTCCGGCGGCGTCGCCGCCGATGG CGCTGAGCGGAGCATGGGGCGGCGGGCTCCCGCCGCTGCCGTGCCGCCGCCACCGC GGCTCGGGCTGCTGCTGGCGGCTCTGGCTTCTCTGCTGCTCCCGGAGTCCGCCGCCGAG GTCTGAAGCTCATGGGAGCCCCGGTGAAGCTGACAGTGTCTCAGGGGCAGCCGGTGAAGC TCAACTGCAGTGTGGAGGGATGGAGGAGCCTGACATCCAGTGGGTGAAGGATGGGGCTG TGGTCCAGAACTTGACCAGTTGTACATCCAGTCAGCGAGCAGCACTGGATCGGCTTCC TCAGCCTGAAGTCAGTGGAGCGCTCTGACGCCGCGCGTACTGGTGCCAGGTGGAGGATG GGGGTGAAACCGAGATCTCCAGCCAGTGTGGCTCACGGTAGAAGGTGTGCCATTTTTCA CAGTGGAGCCAAAAGATCTGGCAGTGCCACCCAATGCCCTTTCCAAGTGTCTTGTGAGG CTGTGGGTCCCTGAACCTGTTACCATTGTCTGGTGGAGAGGAAGTACGAAGATCGGGG GACCCGCTCCCTCTCATCTGTTTTAAAGTAACAGGGGTACCCAGNACACCATGTTTTTC CTGTG
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_006293
<b>Insert Size:</b>	5000 bp
<b>OTI Disclaimer:</b>	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.
	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<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>	<a href="#">NM_006293.2</a> , <a href="#">NP_006284.2</a>
<b>RefSeq Size:</b>	4001 bp
<b>RefSeq ORF:</b>	2673 bp

<b>Locus ID:</b>	7301
<b>UniProt ID:</b>	<a href="#">Q06418</a>
<b>Cytogenetics:</b>	15q15.1
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Gene Summary:</b>	<p>The gene is part of a 3-member transmembrane receptor kinase receptor family with a processed pseudogene distal on chromosome 15. The encoded protein is activated by the products of the growth arrest-specific gene 6 and protein S genes and is involved in controlling cell survival and proliferation, spermatogenesis, immunoregulation and phagocytosis. The encoded protein has also been identified as a cell entry factor for Ebola and Marburg viruses. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>