

## Product datasheet for **MC221801**

### **Ttk (NM\_001110265) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ttk (NM_001110265) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttk
Synonyms:	AL022661; esk; Esk1; Mps1; PYT
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221801 representing NM\_001110265  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGCTGAAGAGTTAATTGGCAGCAGTGTGACGATTGATTCCATCATGAGCAAAATGAGAGATTA  
 AAAATAAGATAAATGAAGACTGTACTGATGAGCTAAGCTTGTCTAAAATCTGTGCCGATCACACGAAAC  
 TGTTAACCAAATTATGAGGGTTGGGAACACCCAGAGAACTGGTTGAATTTCTTGCTGAAACTAGAGAAA  
 AACAGCTCACCTCTAAATGACGATCTTTTAAATAAGCTGATTGGTCGGTATAGTCAAGCGATTGAAGTAC  
 TTCCTCCAGATAAATACGGCCAGAATGAGAGCTTTGCTCGAATACAAGTGAAGTGGTGAAGTAAAGC  
 TATTCAAGAGCCTGATGATGCCCGTACTACTCCAGATGGCCAGGAAAACTGCAAGAAGTTTGTCTTT  
 GTGCACGTATCTTTGCACAGTTTGAAGTGTCTCAAGGCAATCTTAAAAAAGTGAAGCAGCTTCTCATA  
 AAGCTGTAGAGACTGGGGCGGTGCCGTGCAGATGCTGGAGACGGCCATGCGTAACCTACACCTCCAGAA  
 AAAGCAGCTGCTCCGGAGGAGACAAGAAGAGTGTGTCAGCATCGACAGTAAAGTGCCTCAAGAGCCG  
 TTCTCCAGCTCACTTGGAAATGTACAGAATCGGAGCATCAGCTGTGAGTCCAGAGGACAGGCTGGGGCAG  
 CCAGGGTTTTATGAGAGAACTTGCCTCCACAAGATGCCGAAGTGAAGGATCAAAAACCCCTTCAAGCA  
 GACTCACGCAGCTAAACGGTCAATGCCCTTTGGAAGAGTCCCAGTCAATCTTCTAAACAGCCAGATTTT  
 TATGTGAAGACAGATAGCTCAGCTGTGACACAGTTAACAAACAAGAAAGGGTTCAGGACCAGACCGAGACG  
 CGATTCTGCCCGCTCCAGACCAGTGGCAGTATTCTTATGAACTGAGAGGTTTAAAGCCATTCAAAC  
 TATCTATTTGAAAGACTCTTTGGTGTCCAATGAAAAGAGTTCTGAACTTATGTCTGATTTAATAGCCTTG  
 AAGAGTAAAACAGATTCAAGTCTAACAAAATTGGAAGAACTAAGCCAGAGATTGCAGAAAGAAGGCCCA  
 TGCAGTGGCAGTCTACCAGAAAGCCCGAGTGTGTGTTCCAGAACCTGCTGCCTTTGCACCCCTCGGGCA  
 CGTTCCAGATGTCACCCGAAGGCTGACAAAGAGTCAACCAATATCAGTTCTAAATGGCTTGATCCA  
 AAGTCTGCTGTGAGACCTAGTAGCAGCTCCTTGGATGATTACATGAAATGTTTTAAGACTCCAGTTG  
 TAAAGAATGACTTTCCACCTGCCTGTCCATCATCAACACCTTACAGCCAGCTTGCCTCCAGCAGCA  
 ACAGCAGCAGGGACTCAGCACTCTCTTCAAAGCTTGCAGATTTAGGTTCTTCAATAAATGAATGC  
 ATTTTCAGTTAACGGAAGAATTTATCCATATTAAGCAGATAGGCAGTGGAGTTCCAGTAAAGTGTTC  
 AGGTATTGAATGAGAAAAACAGATAAACGCTATCAAATATGTGAACCTAGAAGACGCCGATAGCCAAAC  
 TATTGAGAGCTACCGAACGAGATAGCGTTTTTGAACAACTACAGCAACACAGTATAAGATCATCCGC  
 CTCTATGATTATGAAATCACCGAGCAGTACATCTACATGGTAATGGAATGTGAAACATTGACCTAATA  
 GTTGGCTTAAAAAGAAAAATCCATCAATCCATGGGAACGCAAGAGCTACTGGAAAAACATGTTGGAGGC  
 AGTACACATAATCCATCAGCATGGTATTGTTTCATAGTGATCTGAAGCCTGCTAACTTTGTGATAGTGGAT  
 GGAATGCTAAAGCTAATTGATTTGGGATTGCAAAACCAATGCAGCCAGACACAACAAGCATTGTTAAAG  
 ATTCTCAGGTTGGCAGAGTTAACTATAATGGCCCCAGAAGCAATCAGAGACATGCTTCTTCAAGAGAAAA  
 TTCGAAAAATCAGGACCAAGTAAGTCCCAGAAGTATGCTGGTCTTGGGGTGCATTTTGTACTACATG  
 ACTTATGGGAGGACGCCATTTCCAGCACATCAATCAGGTCTCTAACTGCACGCCATAATCAACCCTG  
 CTCATGAGATTGAATTTCCCGAGATTTCCGAAAAAGATCTTCGAGACGTGTTAAAGTGTGTTAGTGAG  
 GAACCTAAAGAGAGGATATCTATCCCTGAGCTTCTCACACATCCGATGTTCAAATTCAGCCCCATCCA  
 GGCAGCCAAATGGCTAGGGGAGCCACTGATGAAATGAAATATGTGTTGGGTCAACTTGTGGTCTGAATT  
 CTCCTAACTCCATCTTGAAACTGCAAAAGTGAAGTGCATGTACATTACTCCAGCTGTTTTAATG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001110265  
**Insert Size:** 2448 bp

<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_001110265.1</a></u> , <u><a href="#">NP_001103735.1</a></u>
<b>RefSeq Size:</b>	2711 bp
<b>RefSeq ORF:</b>	2448 bp
<b>Locus ID:</b>	22137
<b>Cytogenetics:</b>	9 E2