

Product datasheet for **MC228911**

Ttk (NM_001284272) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttk (NM_001284272) 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: >MC228911 representing NM_001284272
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGCTGAAGAGTTAATTGGCAGCAGTGTGACGATTGATTCCATCATGAGCAAAATGAGAGATTA
 AAAATAAGATAAATGAAGACTGTACTGATGAGCTAAGCTTGTCTAAAATCTGTGCCGATCACACGAAAC
 TGTTAACCAAATTATGAGGGTTGGGAACACCCAGAGAACTGGTTGAATTTCTTGCTGAAACTAGAGAAA
 AACAGCTCACCTCTAAATGACGATCTTTTAAATAAGCTGATTGGTCGGTATAGTCAAGCGATTGAAGTAC
 TTCCTCCAGATAAATACGGCCAGAATGAGAGCTTTGCTCGAATACAAGTGAAGTGGTGAAGTAAAGC
 TATTCAAGAGCCTGATGATGCCCGTACTACTCCAGATGGCCAGGAAAACTGCAAGAAGTTTGTCTTT
 GTGCACGTATCTTTGCACAGTTTGAAGTGTCTCAAGGCAATCTTAAAAAAGTGAGCAGCTTCTCATA
 AAGCTGTAGAGACTGGGGCGGTGCCGCTGCAGATGCTGGAGACGGCCATGCGTAACTTACACCTCCAGAA
 AAAGCAGCTGCTCCGGAGGAGACAAGAAGAGTGTGTCAGCATCGACAGTAACTAAGTGCCTCAAGAGCCG
 TTCTCCAGCTCACTTGGAAATGTACAGAATCGGAGCATCAGCTGTGAGTCCAGAGGACAGGCTGGGGCAG
 CCAGGGTTTTATATGGAGAGAATTTGCCTCCACAAGATGCCGAAGTGAGGCATCAAAACCCCTTCAAGCA
 GACTCACGCAGCTAAACGGTCAATGCCCTTTGGAAGAGTCCCAGTCAATCTTCTAAACAGCCAGATTTT
 TATGTGAAGACAGATAGCTCAGCTGTGACACAGTTAACAACAAGAAAGGGTCCAGACCAGACCGAGACG
 CGATTCTGCCCGCTCCAGACCAGTGGCAGTGATTCTTATGAAGTGAAGGTTTAAAGCCATTCAAAC
 TATCTATTTGAAAGACTCTTTGGTGTCCAATGAAAAGAGTTCTGAACTTATGTCTGATTTAATAGCCTTG
 AAGAGTAAAACAGATTCAAGTCTAACAAAATTGGAAGAACTAAGCCAGAGATTGCAGAAAGAAGGCCCA
 TGCAGTGGCAGTCTACCAGAAAGCCCGAGTGTGTGTTCCAGAACCCTGCTGCCTTTGCACCCCTGCGGCA
 CGTTCCAGATGTCACCCGAAAGGCTGACAAAGAGTCAACCAATATCAGTTTCTAAATGGCTTGATCCA
 AAGTCTGCTGTGAGACCTAGTAGCAGCTCCTTGGATGATTACATGAAATGTTTTAAGACTCCAGTTG
 TAAAGAATGACTTTCCACCTGCCTGTCCATCATCAACACCTTACAGCCAGCTTGCCTCCAGCAGCA
 ACAGCAGCAGGGACTCAGCACTCTCTTCAAAGCTTGCAGATTTAGGTTCTTCAATAAATGAATGC
 ATTTTCAGTTAACGGAAGAATTTATCCATATTAAGCAGATAGGCAGTGGAGTTCCAGTAAAGTGTTC
 AGGTATTGAATGAGAAAAACAGATAAACGCTATCAAATATGTGAACCTAGAAGACGCCGATAGCCAAAC
 TATTGAGAGCTACCGAACGAGATAGCGTTTTTGAACAACTACAGCAACACAGTGATAAGATCATCCGC
 CTCTATGATTATGAAATCACCGAGCAGTACATCTACATGGTAATGGAATGTGAAACATTGACCTAATA
 GTTGGCTTAAAAAGAAAAATCCATCAATCCATGGGAACGCAAGAGCTACTGGAAAAACATGTTGGAGGC
 AGTACACATAATCCATCAGCATGGTATTGTTTCATAGTGATCTGAAGCCTGCTAACTTTGTGATAGTGGAT
 GGAATGCTAAAGCTAATTGATTTGGGATTGCAAACCAATGCAGCCAGACACAACAAGCATTGTTAAAG
 ATTTTCAGGTCTTAAACTGCACGCCAATAACCCCTGCTCATGAGATTGAATTTCCCGAGATTTCCGGA
 AAAAGATCTTCGAGACGTGTTAAAGTGTGTTAGTGAGGAACCCATAAGAGAGGATATCTATCCCTGAG
 CTTCTCACACATCCGTATGTTCAAATTCAGCCCCATCCAGGCAGCCAAATGGCTAGGGGAGCCACTGATG
 AAATGAAATATGTGTTGGTCAACTTGTGCTGAATTTCTTAACTCCATCTTGAAGACTGCAAAAAC
 TTTGATGAACGTTATAATTGTGGTGAAGTCAAGATTCTTCGTATCCAAGACTTTTGACAAAAAGAGA
 GAAAGAAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001284272
Insert Size: 2322 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001284272.1, NP_001271201.1</u>
RefSeq Size:	2733 bp
RefSeq ORF:	2322 bp
Locus ID:	22137
Cytogenetics:	9 E2