

Product datasheet for **MC221925**

Ttk (NM_009445) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttk (NM_009445) 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: >MC221925 representing NM_009445
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGCTGAAGAGTTAATTGGCAGCAGTGTGACGATTGATTCCATCATGAGCAAAATGAGAGATTA
 AAAATAAGATAAATGAAGACTGTACTGATGAGCTAAGCTTGTCTAAAATCTGTGCCGATCACACGAAAC
 TGTTAACCAAATTATGAGGGTTGGGAACACCCAGAGAACTGGTTGAATTTCTTGCTGAAACTAGAGAAA
 AACAGCTCACCTCTAAATGACGATCTTTTAAATAAGCTGATTGGTCGGTATAGTCAAGCGATTGAAGTAC
 TTCCTCCAGATAAATACGGCCAGAATGAGAGCTTTGCTCGAATACAAGTGAAGTGGTGAAGTAAAGC
 TATTCAAGAGCCTGATGATGCCCGTACTACTCCAGATGGCCAGGAAAACTGCAAGAAGTTTGCCTTT
 GTGCACGTATCTTTGCACAGTTTGAAGTGTCTCAAGGCAATCTTAAAAAAGTGAAGCAGCTTCTCATA
 AAGCTGTAGAGACTGGGGCGGTGCCGCTGCAGATGCTGGAGACGGCCATGCGTAACCTACACCTCCAGAA
 AAAGCAGCTGCTCCGGAGGAGACAAGAAGAGTGTGTCAGCATCGACAGTAAAGTGCCTCAAGAGCCG
 TTCTCCAGCTCACTTGGAAATGTACAGAATCGGAGCATCAGCTGTGAGTCCAGAGGACAGGCTGGGGCAG
 CCAGGGTTTTATGAGAGAACTTGCCTCCACAAGATGCCGAAGTGAAGGATCAAAAACCCCTTCAAGCA
 GACTCACGCAGCTAAACGGTCAATGCCCTTTGGAAGAGTCCAGTCAATCTTCTAAACAGCCAGATTTT
 TATGTGAAGACAGATAGCTCAGCTGTGACACAGTTAACAACAAGAAAGGGTCCAGACCAGACCGAGACG
 CGATTCTGCCCGCTCCAGACCAGTGGCAGTATTCTTGAAGTGAAGGTTTAAAGCCATTCAAAC
 TATCTATTTGAAAGACTCTTTGGTGTCCAATGAAAAGAGTTCTGAACTTATGTCTGATTTAATAGCCTTG
 AAGAGTAAAACAGATTCAAGTCTAACAATTTGGAAGAACTAAGCCAGAGATTGCAGAAAGAAGGCCCA
 TGCAGTGGCAGTCTACCAGAAAGCCGAGTGTGTCTCCAGAACCTGCTGCCTTTGCACCCCTGGGGC
 CGTTCCAGATGTACCCCGAAGGCTGACAAAGAGTCAACCAATATCAGTTCTAAATGGCTTGATCCA
 AAGTCTGCTTGTGAGACCTAGTAGCAGCTCCTTGGATGATTACATGAAATGTTTTAAGACTCCAGTTG
 TAAAGAATGACTTTCCACCTGCCTGTCCATCATCAACACCTTACAGCCAGCTTGCCTCCAGCAGCA
 ACAGCAGCAGGGACTCAGCACTCTCTTCAAAGCTTGCAGATTTAGGTTCTTCAATAAATGAATGC
 ATTTTCAGTTAACGGAAGAATTTATCCATATTAAGCAGATAGGCAGTGGAGTTCCAGTAAAGTGTTC
 AGGTATTGAATGAGAAAAACAGATAAACGCTATCAAATATGTGAACCTAGAAGACGCCGATAGCCAAAC
 TATTGAGAGCTACCGAACGAGATAGCGTTTTTGAACAACTACAGCAACACAGTGATAAGATCATCCGC
 CTCTATGATTATGAAATCACCGAGCAGTACATCTACATGGTAATGGAATGTGAAACATTGACCTAAATA
 GTTGGCTTAAAAAGAAAAATCCATCAATCCATGGGAACGCAAGAGCTACTGGAAAAACATGTTGGAGGC
 AGTACACATAATCCATCAGCATGGTATTGTTTATAGTGATCTGAAGCCTGCTAACTTTGTGATAGTGGAT
 GGAATGCTAAAGCTAATTGATTTGGGATTGCAAAACCAATGCAGCCAGACACAACAAGCATTGTTAAAG
 ATTCTCAGGTTGGCAGAGTTAACTATAAGGCCAGAAAGCAATCAGAGACATGCTTCTTCAAGAGAAAA
 TTCGAAAAATCAGGACCAAGTAAGTCCCAGAAAGTATGCTGGTCTTGGGGTGCATTTTGTACTACATG
 ACTTATGGGAGGACGCCATTTCCAGCACATCAATCAGTCTCTAACTGCACGCCATAATCAACCCTG
 CTCATGAGATTGAATTTCCGAGATTTCCGAAAAAGATCTTCGAGACGTGTTAAAGTGTGTTTGTGAG
 GAACCTAAAGAGAGGATATCTATCCCTGAGCTTCTCACACATCCGTATGTTCAAATTCAGCCCCATCCA
 GGCAGCCAAATGGCTAGGGGAGCCACTGATGAAATGAAATATGTGTTGGTCAACTTGTGGTCTGAATT
 CTCTAACTCCATCTTGAAGTGCAAAACTTTGTATGAACGTTATAATTGTGGTGAAGTCAAGATTC
 TTCGTCATCCAAGACTTTTGACAAAAAGAGAGAAAGAAAG**TGA**

ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009445
Insert Size: 2493 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">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:	NM_009445.2 , NP_033471.2
RefSeq Size:	2904 bp
RefSeq ORF:	2493 bp
Locus ID:	22137
Cytogenetics:	9 E2