

Product datasheet for **MC203293**

Tsfm (NM_025537) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tsfm (NM_025537) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tsfm
Synonyms: 2310050B20Rik; 9430024O13Rik; EF-TS; EF-Tsmt
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC057904
 GCGGGAGGGCCAGAGGGATGTCGCTACTGCGGTGCTGCGCTTCTCCCGGTGCGGTGACCGGCCGCTC
 GGCGAGGGCTGCTCTGCTCCAGCCGTCCAGCCATGGCTCACGTTTCATGCCGGCCCTCGCTGTCCTCT
 GCTGCCTCCAGCAAGGAGCTCCTTATGAAACTGCGGCGGAAAACCGGCTACTCCTTTGTCAACTGCAAGA
 AGGCTTTGGAGACTTGTGGCGGTGACCTCAAGCAGGCAGAGGACTGGCTGCACAAACAGGCCCAGAAGGA
 AGGATGGAGCAAAGCCGCAAGCTCCACGGGAGGAAGACTAAAGAAGGCTTGATTGGACTTCTGCAGGAG
 GGAAACACAGCTGTTTTAGTAGAGGTAACTGTGAGACAGATTTTGTCTCCAGAAATTTAAATTTCAAC
 AGTTGGTCCAGCAAGTAGCCCTGGGAACCATGGCACACTGTCAGAACCTGACGGATCGGCTCTCCACGTA
 CAGTAAGGGCTTTCTCAACTCCTCTGAGCTTTCTGAAGTGCAGCTGGGCCGACAGGGAAGGCTCTCTC
 AAGGATCAGTTGGCCCTAGCGATTGGTAACTGGGAGAGAACATGATTCTTAAGCGAGCTGCCTGGGTGA
 AGGTGCCCTCTGGGTTCTATGTCGGCTCTTATGTGCACGGAGTGACGCAGAGCCCTCCCTCCAGAACCT
 GGTGCTGGGGAAGTACGGGGCCCTGGTCATCTGTGAGACTCCCGAGCAGATCGCAAACCTGGAGGAGGTT
 GGCCGCCGCTTGGGCGAGCACGTGGTGGCATGGCCCTCTCTGTGGGCTCCCTGGACGATGAGCCTG
 GGGGGGAGACGGAGACCAGGATGCTGCCCCAGCCGTACCTCCTGGATCCTTCCATTACACTGGGGCAGTA
 CGTGCAGCCCCAGGGCGTACTGTAGTGGACTTCGTGCGCTTCGAATGTGGAGAAGACGAACAGGTGGCC
 GAGGCTGAATAGGTTTTTGGCCTAAGTGGAAATATTTAATTTTTATATCTGGATTTCTTATAAAAAAGTT
 ATTTTCTAAACCTCTTCAACCCTCAAATTTGTTTTTTTTCTTTTTAGTTTTAAATGAAGATATATAATC
 ATGGGTAAGTTATTAATGGTGATGTAATAAAGAATTTTTCTCATTGTATAGTAAAAAAAAAAAAAAAA AA

Restriction Sites: RsrII-NotI
ACCN: NM_025537
Insert Size: 975 bp



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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:	<u>BC057904</u> , <u>AAH57904</u>
RefSeq Size:	1192 bp
RefSeq ORF:	975 bp
Locus ID:	66399
UniProt ID:	<u>Q9CZR8</u>
Cytogenetics:	10 D3
Gene Summary:	Associates with the EF-Tu.GDP complex and induces the exchange of GDP to GTP. It remains bound to the aminoacyl-tRNA.EF-Tu.GTP complex up to the GTP hydrolysis stage on the ribosome.[UniProtKB/Swiss-Prot Function]