

Product datasheet for MC207433

Tsta3 (NM_031201) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tsta3 (NM_031201) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tsta3
Synonyms: AI256181; FX; Tstap35b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207433 representing NM_031201
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGGCGAACCCCATGGATCCATGAGGATCCTAGTGACAGGGGGCTCTGGACTGGTGGGTAGAGCCATCC
AGAAGGTGGTTGCAGATGGGCGGCTTACCTGGAGAGGAATGGGTGTTGTCTCCTCCAAAGATGCAGA
TCTGACGGATGCAGCCAAACCAAGCACTCTTCCAGAAAAGTACAGCCACCCACGTCATCCATCTCGCT
GCAATGGTAGGCGCCTTTCCGGAATATCAAATACAACCTGGATTTCTGGCGGAAAAACGTGCACATCA
ATGACAACGTCCTGCATTCGGCCTTCGAGGTGGGCGCTCGCAAGGTGGTCTCCTGCCTGTCCACCTGCAT
CTTCCCTGACAAGACCACCTATCCTATTGACGAGACAATGATCCACAACGGGCGGCTCACAGCAGCAAT
TTCGGGTACTCATACGCCAAGAGGATGATTGACGTGCAGAACAGAGCCTACTTCCAGCAGCACGGCTGTA
CCTTACCAGCCGTCATCCCTACCAATGTCTTTGGGCTTATGACAACCTCAACATCGAAGATGGCCACGT
GCTACCCGGCCTCATCCATAAGGTGCACCTGGCCAAGAGTAGTGACTCGGCCCTGACGGTGTGGGGTACA
GGGAAGCCGCGGAGGCAGTTCATCTACTCACTGGACCTCGCCCGCTCTCATCTGGTCTCACGGGAGT
ACAGTGAGGTGGAGCCATCATCTCTCAGTGGGTGAGGAAGATGAAGTGTCCATCAAGGAGGCAGCTGA
GGCTGTAGTGGAGCCATGGACTTCAATGGGGAAGTCACTTTTGATTCAACAAAGTCAGATGGGCAATAT
AAGAAGACAGCCAGCAATGGCAAGTTGCGGTCTACTTGCCCGACTTCCGTTTACACCCCTCAAGCAGG
CTGTGAAGGAACTGCCTTGGTTCACCGACAACATGAGCAGGCCCGGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031201
Insert Size: 966 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:	NM_031201.1 , NP_112478.1
RefSeq Size:	1329 bp
RefSeq ORF:	966 bp
Locus ID:	22122
UniProt ID:	P23591
Cytogenetics:	15 35.1 cM
Gene Summary:	Catalyzes the two-step NADP-dependent conversion of GDP-4-dehydro-6-deoxy-D-mannose to GDP-fucose, involving an epimerase and a reductase reaction.[UniProtKB/Swiss-Prot Function]