

Product datasheet for **MG200422**

Tusc2 (NM_019742) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tusc2 (NM_019742) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tusc2
Synonyms: 1190001E22Rik; AA407686; Fus1; Lgcc; PAP; Pdap2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200422 representing NM_019742
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGCCAGCGGCTCCAAAGCTCGGGGCTCTGGCCCTTTGCCTCCACTCCGGGGGGCGGGCCAG
AGGCGGCAGGCTCCGAGCAGTCTCTGGTGGGTCTCGAGCCCAGCAGTGCCTCCCTTCGTATTCACGCG
CCGCGGCTCCATGTTCTACGATGAAGATGGAGATCTGGCTCACGAATTCTATGAGGAGACAATCGTCACC
AAGAATGGGCGAAGCGAGCCAAGCTGAGGCGGGTACATAAGAATCTGATTCCTCAGGGCATCGTGAAGC
TGGATCTCCCGAATCCACGTGGATTTCCCGTGATCCTCTATGAAGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200422 representing NM_019742
Red=Cloning site Green=Tags(s)
MGASGSKARGLWPFASPTGGGGPEAAGSEQSLVRSRARAVPPFVFTRRGSMFYDEDGLAHEFYEEITIVT
KNGQKRAKLRRVHKNLIPQIVKLDPPRIHVDFPVILYEV

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_019742.4</u> , <u>NP_062716.1</u>
RefSeq Size:	1662 bp
RefSeq ORF:	333 bp
Locus ID:	80385
UniProt ID:	<u>Q9WVF8</u>
Cytogenetics:	9 F1