

Product datasheet for MC200893

Tsg101 (NM_021884) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tsg101 (NM_021884) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tsg101
Synonyms: AI255943; CC2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005424 sequence for NM_021884
 CCCACGCGTCCGCGGCGATTGTCTGGCGGCTGGGGCGGCCCGTGGCGCCTACCTCTGCCTGTGGGGA
 CGGAGGAGCGCGCCATGGCGGTCCGAGAGTCAGCTGAAGAAGATGATGTCCAAGTACAAATATAGAGA
 TCTAACCGTCCGTCAAACGTCAATGTCATCGCTATGTACAAAGATCTCAAACCTGTATTGGATTATAT
 GTTTTTAATGATGGCAGTTCCAGGGAGCTGGTGAACCTCACTGGTACAATCCCAGTGCCTTATCGAGGTA
 ATATATATAATATTCCAATATGCCTGTGGCTGCTGGACACATACCCATATAACCCCCCTATCTGTTTTGT
 TAAGCCTACTAGTTCAATGACTATTAACAGGAAAGCATGTGGATGCAAATGGGAAAATCTACCTACCT
 TATCTACATGACTGAAACATCCACGGTCAGAGTTGCTGGAGCTTATTCAAATCATGATTGTGATATTTG
 GAGAGGAGCCTCCAGTGTCTCCCGCCTACTGTTTCTGCATCCTACCCACCATACACAGCAACAGGGCC
 ACCAAATACCTCCTACATGCCAGGCATGCCAAGTGAATCTCTGCATATCCATCTGGATACCTCCCAAC
 CCCAGTGGTTATCCTGGCTGTCCTTACCCACCTGCTGGCCATACCTGCCACAACAAGCTCACAGTACC
 CTCCCAGCCTCCTGTGACCACTGTTGGTCCCAGCAGAGATGGCAATCAGTGAGGACACTATCGGTGC
 ATCTCTCATCTCAGCAGTCAGTGACAACTGAGATGGCGGATGAAGGAGGAAATGGATGGTGCCAGGCA
 GAGCTTAATGCCTTGAACGAACAGAGGAAGATCTGAAAAAGGCCACCAGAACTGGAAGAGATGGTCA
 CCCGCTTAGATCAAGAAGTAGCTGAAGTTGATAAAAACATAGAATTTTGAAAAAGAAAGGATGAAGAACT
 AAGTTCTGCTCTGGAGAAAATGGAAAATCAATCTGAAAATAATGATATTGATGAAGTTATCATTCCCACA
 GCCCACTGTATAAACAGATTCTAAATCTGTATGCAGAGGAAAATGCTATTGAAGACACTATCTTTTACC
 TTGGAGAAGCTTTGCGGCGGGGAGTCATAGACCTGGATGTGTTCTGAAACACGTCGGCCTCCTGTCCCG
 TAAACAGTTCAGCTAAGGGCACTAATGCAAAAGGCAAGGAAGACTGCGGGCCTTAGTGACCTCTACTGA
 CATGTGCTGTGAGTGGAGACCGACCTCCTCGTAAAGCATTCTTTTCTTTCTTTTCTCATCAGTAGA
 ACCCAATAAAGTTATTGCAAGTTATCATTCAAGTGTTAAATATTTTGAATCAATAATATATTTTCTGTT
 TCCTTTGGGTAA

Restriction Sites: RsrII-NotI
ACCN: NM_021884
Insert Size: 1176 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:	BC005424 , AAH05424
RefSeq Size:	1463 bp
RefSeq ORF:	1176 bp
Locus ID:	22088
UniProt ID:	Q61187
Cytogenetics:	7 B3
Gene Summary:	<p>Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Binds to ubiquitinated cargo proteins and is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). Mediates the association between the ESCRT-0 and ESCRT-I complex. Required for completion of cytokinesis; the function requires CEP55. May be involved in cell growth and differentiation. Acts as a negative growth regulator. Required for the exosomal release of SDCBP, CD63 and syndecan (By similarity). It may also play a role in the extracellular release of microvesicles that differ from the exosomes (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>