

Product datasheet for **MC225932**

Gm44501 (NM_001287195) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm44501 (NM_001287195) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm44501
Synonyms: Esp6-esp5; Esp6Esp5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225932 representing NM_001287195
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTCCTTTACCAGTGATGTTTTTCTCCTAACTCTGCTGTACCATCAATGCACACTGATGGAAGGG
TACTGACACAGACTCAAATGAATCCACCAAATCTTCTAATCATAAGAAAAATCACAAGGCTGTCTTGA
CAAGACTGACCGCAAGACAAAGGAAATAAACAGGCCCCAGAGAAAGTATTCTGTGCCTCCATTGATGAT
CAAACATTAGTTGAAGACTTGGCCACTGCTAATCAACACAAGTTAATCCTGTCTAAAAACAAGATATCCC
AGAGCAACTGTTGTACTCAGAAGCATCAAGTGGACCCAGTAAACTGAATCATATGGCCAGTAGACTTCA
AAGGACCAGAGTGAGGCACCAAGAAGACAGTTCTAAACGCAAAGTCATCGTGGGTTTGGATGAATCTTG
GATTTAGTGAAAAAGATCTTGATTTCCCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001287195
Insert Size: 453 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).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001287195.1</u> , <u>NP_001274124.1</u>
RefSeq Size:	1229 bp
RefSeq ORF:	453 bp
Locus ID:	102577428
Cytogenetics:	17
Gene Summary:	This locus represents naturally occurring readthrough transcription between the neighboring Esp6 (exocrine gland secreted peptide 6) and Esp5 (exocrine gland secreted peptide 5) genes on chromosome 17. The readthrough transcript encodes a protein that shares sequence identity with the downstream gene product, but is shorter at its N-terminus. [provided by RefSeq, Dec 2013]