

Product datasheet for MC212501

Exog (NM_172456) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Exog (NM_172456) Mouse Untagged Clone
Tag: Tag Free
Symbol: Exog
Synonyms: AW557704; Endogl1; Endogl2; Engl; ENGL-a; ENGL-B; Engla; Englb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212501 representing NM_172456
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGCAAAGAGCTTCGCTTCCCGTCTCAGGGACTCGCGCGATTTCTGAATGGCTTCTTGCCGGGG
CTGTAGTGGCGCCGCGGGAGCGGGCTGACGGCGCTGCAGTTTTTCCGGCGTCCGGACGCGGAATCCG
GAAGCTGGCGAGGCAGCCACACGAATCTGCAGAAGAAGCTGTCTTGAACAGTTTGGTTTCTTTAGCT
GGAACAGAGACGAGGCGTTACACTAACCACGCCCTGTCTTACGATCAGGCAAAACGGGTGCCAGATGGG
TTCTTGAGCATATATCCAAGGACAAGATCATCGGTGACGCTGACAGAAAGCATTGTAAATCAAGCCGGA
TCCTTCTGTCCCTCAGCCTTACGCGCCCTCAATGAAGACTATATCGGGAGTGGCTGGTCACGAGGCCAC
ATGGCCCCGGCAGGAAATAACAAGTTTTCCAGTGAAGCCATGGCAGAAACCTTTTACCTTTCTAATATCG
TGCCTCAGAAATTTGATAAATACTCCGGCTACTGGAACAGAATAGAAATGTATTGCTGAGCTGACGGA
GAGATTTGAAGATGTTTGGATAGTATCAGGACCTTAACTTACCTCATACTAGGAATGATGGAACGAAA
ACAGTTAGTTACCAGGTGATTGGTGAGGACAACGTGGCCGTCCCCTCGCACCTTTACAAGGTGACTCTGG
CTCGCAGAAGCCCGGAATCTACGGAGCCGCTGGCGCTGGGGCCCTTTGTGGTGCCAAATAAAGCCATTGG
GTTCCAGTCCCAGTTATCCGAGTTCAGGTGAGCCTCCATGACCTGGAGAAGATGTCAGGTCTGGTGT
TTCCCCCGTCTGGATAGAAGCAGGGACATCCGGAATATTTGCTCTGTGGACACCTGCAAGCTCCTGGTT
TCCAGGAATCACTCTGTACCTGAGCACGAGGAAGATTGATGGAGCCCGTCTGTGGCCAGACTGGAGAA
GGTTCTGGAAGCTTTGAAGAGCTCAGGGGTGGAACCTGACGATTACTTCTGAGTCGCTATGAGAAAAAG
CTGGAGGAACTGAAGGCTAAGGAGCAAAAGGACGCCAGCTGGAAAAGCAGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_172456



Insert Size:	1107 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).
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_172456.3</u> , <u>NP_766044.1</u>
RefSeq Size:	3870 bp
RefSeq ORF:	1107 bp
Locus ID:	208194
UniProt ID:	<u>Q8C163</u>
Cytogenetics:	9 F3
Gene Summary:	Endo/exonuclease with nicking activity towards supercoiled DNA, a preference for single-stranded DNA and 5'-3' exonuclease activity.[UniProtKB/Swiss-Prot Function]