

Product datasheet for **MC212502**

Exog (NM_001172136) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exog (NM_001172136) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Exog
Synonyms:	AW557704; Endogl1; Endogl2; Engl; ENGL-a; ENGL-B; Engla; Englb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212502 representing NM_001172136 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGTGGCAGAGACAAAGTGCTGGCGCCCGGAGTCA**TGGCTGCAAAGAGCTTCGCTTCCCGTCTCAGG**
GACTCGCGGGGATTTCTGAATGGCTTCTGGCCGGGGCTGTAGTGGCGCCCGGGAGCGGGGCTGACGG
CGCTGCAGTTTTCCGGCGTCCGGACCGGAATCCGCGAAGCTGGCGAGGCAGCCACACGGTGCAGCACA
GTGCCTGGTACAGAATTGGCCTTCAAATCTGCAGAAGAAGCTGTCTTGGAACAGTTTGGGTTTCTTTAG
CTGGAACAGAGACGAGGCGTTACACTAACCACGCCCTGTCTTACGATCAGGCAAAACGGGTGCCAGATG
GGTCTTGAGCATATATCCAAGGACAAGATCATCGGTGACGCTGACAGAAAGCATTGTAAATTAAGCCG
GATCCTTCTGTCCCTCAGCCTTCAAGCCCTCAATGAAGACTATATCGGGAGTGGCTGGTACAGAGCC
ACATGGCCCCGGCAGGAAATAACAAGTTTTCCAGTGAAGCCATGGCAGAAACCTTTTACCTTTCTAATAT
CGTGCCTCAGAAATTTGATAAATACTCCGGCTACTGGAACAGAAATAGAAATGTATTGTCGTGAGCTGACG
GAGAGATTTGAAGATGTTTGGATAGTATCAGGACCTTTAACCTTACCTCATACTAGGAATGATGGAACGA
AAACAGTTAGTTACCAGGTGATTGGTGAAGACAACGTGGCCGTCCTCGCACCTTTACAAGGTGATCCT
GGCTCGCAGAAGCCCGAATCTACGGAGCCGCTGGCGCTGGGGCCCTTTGTGGTCCAAATAAAGCCATT
GGTTCCAGTCCCAGTTATCCGAGTCCAGGTGAGCCTCCATGACCTGGAGAAGATGTCAGTCTGGTGT
TTTTCCCCGCTGGATAGAAGCAGGGACATCCGGAATTTTGCTCTGTGGACACCTGCAAGCTCCTGGG
TTTCCAGGAATCACTCTGTACCTGAGCACGAGGAAGATTGATGGAGCCCGGTCTGTGGCCAGACTGGAG
AAGTTTCTGGAAGCTTTGAAGAGCTCAGGGGTGGAACCTGACGATTACTTCTGAGTCGCTATGAGAAAA
AGCTGGAGGAAGTGAAGGCTAAGGAGCAAAAGGACGCCAGCTGGAAAAGCAGTCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001172136
Insert Size:	1179 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_001172136.1</u> , <u>NP_001165607.1</u>
RefSeq Size:	3905 bp
RefSeq ORF:	1179 bp
Locus ID:	208194
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]