

Product datasheet for **MC227688**

Esrrg (NM_001243792) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Esrrg (NM_001243792) Mouse Untagged Clone
Tag: Tag Free
Symbol: Esrrg
Synonyms: ERR3; Errg; mKIAA0832; NR3B3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227688 representing NM_001243792
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCAAACAAAGATCGACACATTGATTCCAGCTGTTTCGTCCTTCATCAAGACGGAACCCCTCCAGCCCAG
 CCTCCCTGACGGACAGCGTCAACCACCACAGCCCTGGTGGGTCTCCGACGCCAGTGGGAGTTACAGTTC
 AACCATGAATGGCCATCAGAACGGACTGGACTCGCCACCTCTCTACCCCTCTGCTCCGATCCTGGGAGGC
 AGCGGGCCTGTCCGAAACTGTATGATGACTGCTCCAGCACCATCGTAGAGGATCCCCAGACCAAGTGTG
 AATATATGCTCAACTCCATGCCCAAGAGACTGTGCTTAGTGTGTGGCGACATCGCCTCTGGTACCACTA
 TGGGGTTGCATCATGTGAAGCCTGCAAGGCATTCTTCAAGAGGACGATTCAAGGTAACATAGAGTACAGC
 TGCCCAGCCACGAATGAATGTGAGATCACAAGCGCAGACGCAAAATCCTGCCAGGCTGCCGTTTCATGA
 AGTGTCTCAAAGTGGGCATGCTGAAAGAAGGGTCCGCTTTGACAGAGTGCCTGGAGGTCCGAGAAAGTA
 CAAGCGCAGAATAGATGCTGAGAACAGCCCATACCTGAACCTCAGCTGGTGCAGCCAGCCAAAAAGCCA
 TATAACAAGATTGTCTCGCATTTGTTGGTGGCTGAACCAGAGAAGATCTATGCCATGCCTGACCCACTG
 TCCCCGACAGTGACATCAAAGCCCTCACCACACTCTGTGACTGGCTGACCGAGAGTTGGTGTATCAT
 TGGATGGGCAAAACATATTCCAGGCTTCTCCACACTGTCCTGGCAGACCAGATGAGCCTCCTCCAGAGT
 GCATGGATGGAGATTCTGATCCTCGGCCTGTGTACCGATCGCTTTCGTTTGAGGATGAACCTGTCTATG
 CAGACGATTATATAATGGATGAAGACCAGTCTAAATTAGCAGGCCTTCTTACCTAAATAATGCTATCCT
 GCAGCTGGTGAAGAAGTACAAGAGCATGAAGCTAGAGAAGGAAGAATTTCGTACCCTCAAAGCAATAGCT
 CTTGCTAATTCAGATCCATGCATATAGAAGATGTGGAAGCTGTGCAGAACTTCAGGATGTGTTACATG
 AGGCCCTGCAGGATTACGAGGCTGGCCAGCACATGGAAGCCCTCGCCGTGCAGGCAAGATGCTGATGAC
 GCTGCCGCTGCTGAGGCAGACCTCCACCAAGGCAGTCCAGCACTCTACAACATCAAACCTCGAAGGCAAA
 GTGCCATGCACAACTTTTTTTGGAAATGCTGGAGGCCAAGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001243792
Insert Size:	1308 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).
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_001243792.1</u> , <u>NP_001230721.1</u>
RefSeq Size:	5374 bp
RefSeq ORF:	1308 bp
Locus ID:	26381
UniProt ID:	<u>P62509</u>
Cytogenetics:	1 H5- H6
Gene Summary:	Orphan receptor that acts as transcription activator in the absence of bound ligand. Binds specifically to an estrogen response element and activates reporter genes controlled by estrogen response elements. Induces the expression of PERM1 in the skeletal muscle. [UniProtKB/Swiss-Prot Function]