

Product datasheet for RN207290

Esrrg (NM_203336) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Esrrg (NM_203336) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Esrrg
Synonyms:	errg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207290 representing NM_203336 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCAAACAAAGATCGACACATTGATTCCAGCTGTTTCGTCCTTCATCAAGACGGAACCCTCCAGCCCAG
CCTCCCTGACGGACAGCGTCAACCACCACAGCCCTGGTGGATCTCCGACGCCAGTGGGAGTTACAGTTC
AACCATGAATGGCCATCAGAACGGACTGGACTCGCCACCTCTCTACCCCTCTGCTCTATCTGGGAGGC
AGCGGTCTGTCCGAAACTGTATGATGACTGCTCCAGCACCATCGTAGAGGATCCCCAGACCAAGTGTG
AATATATGCTCAACTCCATGCCAAGAGACTGTGCTTAGTGTGTGGCGACATCGCCTCTGGGTATCACTA
TGGGGTTGCCTCATGTGAAGCCTGCAAGCTTTCTTCAAGAGGACAATCAAGGTAACATAGAGTACAGC
TGCCCCGGCCACGAATGAATGTGAGATCACCAAGCGCAGACGCAAAATCCTGCCAGGCTGCCGTTTCATGA
AATGTCTCAAAGTGGGCATGCTGAAAGAAGGGTCCGCTTTGACAGAGTGCCTGGAGGTCCGCGAGAAGTA
CAAGCGTAGAATAGATGCTGAGAACAGCCCATACCTGAACCCTCAGCTGGTGCAGCCAGCCAAAAAGCCA
TATAACAAGATTGTCTCGCATTTGCTGGTGGCTGAACCAGAGAAGATCTATGCCATGCCTGACCCACTG
TCCCCGACAGTGACATCAAAGCCCTCACGACGCTCTGTGACTTGGCTGATCGAGAGTTGGTGTATCAT
TGATGGGCAAAACATATCCAGGCTTCTCCACACTGTCCCTGGCGGATCAGATGAGCCTTCTCCAGAGC
CGTGGATGAAAATCTTGATCCTGGGTGTTGTGTACCGATCACTTTCGTTTGAGGATGAACCTTGTCTATG
CAGACGATTACATAATGGATGAAGACCAGTCCAAATTAGCAGGCCTTCTTGACCTAAATAACGCCATCCT
GCAGCTGGTGAAGAAATATAAAGCATGAAGCTAGAGAAGGAAGAATTTGTACCCTCAAAGCAATAGCT
CTTGCTAATTCAGATTCATGCACATAGAAGACGTGGAGGCTGTCCAGAACTTCAGGATGTGTTGCACG
AGGCCCTGCAGGATTACGAGGCTGGCCAGCACATGGAAGACCCACGCCGTGCAGGCAAGATGCTGATGAC
GCTGCCGCTCTGAGGCAGACCTCCACCAAGCGGTCCAACACTTCTACAACATCAAACCTTGAAGGCAAA
GTGCCATGCACAACTGTTTCTGAAAATGCTGGAAGCCAAGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_203336
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).
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_203336.2</u> , <u>NP_976081.1</u>
RefSeq Size:	3191 bp
RefSeq ORF:	1308 bp
Locus ID:	360896
UniProt ID:	<u>P62510</u>
Cytogenetics:	13q26
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 (By similarity).[UniProtKB/Swiss-Prot Function]