

Product datasheet for RN212686

Erg (NM_133397) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Erg (NM_133397) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Erg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212686 representing NM_133397 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAGCACTATTAAGGAGGCCTTGTGAGTGTGAGCAAGGACCAGTCACTATTTGAGTGTGCCTACG
GAACGCCACACCTGGCTAAGACAGAAATGACCGCATCCTCTCCAGTGACTATGGCCAGACATCCAAGAT
GAGTCCCAGAGTCCCACAACAGGACTGGCTGTCTCAGCCCCAGCCAGGGTACCATCAAGATGGAGTGC
AACCTAGCCAGGTGAACGGTTCAGGAACTCACCTGACGAATGCAGTGTGACCAAAGGTGGGAAGATGG
TGGCAGCCCTGATACTGTGGGAATGAGCTACGGCAGCTACATGGAGGAGAAGCACATGCCGCCCCCAA
TATGACCACGAATGAACGCAGAGTGATCGTCCCTGCAGATCCTACTCTGTGGAGCACAGACCATGTCGG
CAGTGGCTGGAGTGGGCAGTGAAGAATACGGCCTCCTAGACGTGGACGTCTTATTATTTGAGAATTTG
ACGGGAAGGAGCTGTGCAAGATGACAAAAGATGACTTCCAGAGGCTCACTCCGAGCTACAATGCCGACAT
TCTTCTCTCACATCTCCACTACCTCAGAGAGACTCCCCTTCCACATCTGACATCCGACGACGTTGATAAG
GCTTTACAAAACCTCCACGGTTAATGCATGCTAGAAACACAGATTTACCTTATGAGCCTCCAGGAGAT
CAACCTGGACCGCCACAGCCACCCACCCCTCAGTCCAAGCTGCCAGCCATCTCCCTCCACAGTGCC
CAAACTGAAGACCAGCGTCTCAGTTAGATCCTTACCAGATCCTGGGACCCACCAGTAGTCGCCTTGCT
AATCCAGGTAGTGGCCAGATCCAGCTGTGGCAGTTCCTGTGTAAGTCCCTGTCTGACAGCTCCAACCTCCA
ACTGCATCACCTGGGAAGGCACCAACGGGGAGTTCAAGATGACAGACCCGGATGAGGTGGCTCGGCGCTG
GGGGGAGCGGAAGAGCAAGCCCAACATGAACTATGACAAACTCAGCCGTGCCCTCCGCTACTACTACGAC
AAAAACATCATGACCAAGGTGCACGGGAAGCGCTATGCCATAAGTTTGACTTCCACGGGATTGCCAGG
CCCTGCAGCCCCATCCCCCGAGTCGTCCTGTACAAGTACCCCTCCGACCTGCCGTACATGGGCTCCTA
TCACACCCACCCCAAGAAGTGAACCTTTGTGGCTCCCCACCCCTCCGGCCCTCCAGTCACATCTTCCAGT
TTCTTTGCTACCCGAACCCATACTGGAATTCGCCGACTGGGGCATCTACCCGAACACTAGGCTCCAG
CCAGCCATATGCCCTCTACCTGGGCACCTACTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_133397
Insert Size:	1368 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_133397.2</u> , <u>NP_596888.1</u>
RefSeq Size:	1805 bp
RefSeq ORF:	1368 bp
Locus ID:	170909
Cytogenetics:	11q11
Gene Summary:	human homolog may act as a transcriptional activator [RGD, Feb 2006]