

## Product datasheet for **RN211606**

### **Egln3 (NM\_019371) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Egln3 (NM_019371) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Egln3
Synonyms:	PHD-3; PHD3; SM-20
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211606 representing NM_019371 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACGTTGAGGTCAAGGCGGGGCTTCTCTCGTTCTCCCGGGCTGCGGCCGCCGCGGGTGGCTCC  
GCATCTCCAAAAGGGCCCTCCGACTTCTACTGGCCAGTCCGGCGCTGGTGGCAGAAGTCTACTACTA  
CTCCTGCCGCTCAGAGCGGGACTCCCTTCTCTCAGAGTTTCAAGCACTTTCCCGCCTTTGCAGCT  
AAAGTGGCTCGGGGACCGTGGCTGCCGACAGGTGGTAGAGCCCCGGCCCGCTCTCTGCATCTCCGCTGT  
GCGTTCGCTCTGGCAAGCCCTCGGTGCGTGCACCCTGGGGTCCCCCGCTCGGCTCTGTGAGCGAGAT  
GCCTCTGGGACACATCATGAGGCTGGATCTGGAGAAGATCGCCCTGGAGTACATCGTGCCCTGTCTGCAC  
GAGGTCGGTTTCTGCTACCTGGACAAGTCTAGGCGAGGTGGTGGGCGACTGCGTACTGGAGCGAGTCA  
AGCAGCTGCATTACAACGGGGCCCTGCGTGACGGCCAGCTGGCGGGGCCCGCGCCGCGCTCCAAGCG  
GCACCTGCGAGGGCAGCAGATCACGTGGATCGGGGCAACGAGGAGGGCTGCGAGGCCATCAACTTCCTC  
CTGTCCCTCATCGACAGGCTGGTCTGTACTGCGGGAGCCGCTGGGCAAATACTATGTCAAGGAGCGGT  
CCAAGGCGATGGTGGCTTGCTATCCAGGAAATGGAACAGGTTATGTTTCGTCATGTGGACAACCCCAATGG  
TGATGGCCGCTGTATCACCTGTATCTACTACCTGAATAAGAATTGGGACGCCAAGTTACATGGAGGGGTC  
CTGCGGATATTTCCAGAAGGAAAATCATTGTAGCAGACGTGGAGCCATTTTTGATAGACTCCTGTTCT  
CCTGGTCAGACCGCAGGAATCCACATGAAGTTCAGCCCTCCTATGCCACCAGGTACGCCATGACTGTCTG  
GTACTTCGATGCTGAAGAAAGGGCAGAAGCCAAAAGAAATTCAGGAATCTAACTAGAAAACTGAATCT  
GCTCTTGCTAAAGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_019371



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<b>Insert Size:</b>	1068 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_019371.1</a></u> , <u><a href="#">NP_062244.1</a></u>
<b>RefSeq Size:</b>	2825 bp
<b>RefSeq ORF:</b>	1068 bp
<b>Locus ID:</b>	54702
<b>UniProt ID:</b>	<u><a href="#">Q62630</a></u>
<b>Cytogenetics:</b>	6q23
<b>Gene Summary:</b>	plays a role in regulation of cell proliferation [RGD, Feb 2006]