

Product datasheet for **RR213430**

Exog (NM_001106866) Rat Tagged ORF Clone

Product data:

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|--------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Exog (NM_001106866) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Exog |
| Synonyms: | Endogl1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RR213430 representing NM_001106866 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCAAAGGGCTTCGCTTCGCGTCTCAGGGACTCGCGGAGGTTTCTGAATGGCTTCTTGCCGGGG
CTGTAGTGGGCGCCGAGGAGCAGGGCTGACGGCGCTGCAGTTCCTCCAGCGTCGGGACGCGGGTCCCG
GAGGCCGCGAGGCAGCCGACGAATCTGTAGAAAAAGTTGTCTTGAACAGTTTGGATTTCCTTAACT
GGAACAGAGACCAGGCGTTACACTAACCATGCCTTGTCTGATGATCAGGCAAAGCGGGTGCACAGATGGG
TTCTTGAACATATATCCAAGGACAAGATCATCGGTGACGCGGACAGAAAGCATTGTAATTCAGCCGGA
TCCTACTGTCCCTCAGCCTCAGCGCCCTCAATGAAGACTATATTGGAAGTGGCTGGTACAGGCCAC
ATGGCCCCAGCAGGAAATAACAAGTTTTCCAGTGAAGCCATGGCAGAAACCTTTTACCTTCTAACATCG
TGCCTCAGAAATTTGAGAATAATTCCGGCTACTGGAATAGGATAGAAATGTAAGCTGAGCTGACGGA
GAGATTTGAAGATGTTTGGATAGTATCGGGACCTTAACTTACCTCATACTAGAAACGATGGAACGAAG
ACAGTTAGTTACCAGGTGATCGGTGAGGACAATGTGCGAGTCCCCTCACACCTTTACAAGGTAATCCTGG
CTCGCAGAAGCCAGAATCTACCGAACCACTGGCACTGGGGCCCTTTGTGGTACCAAATAAGCCATCGG
GTTCCAGTCCCAGTTAAGCGAGTTCAGGTGAGCCTCCATGACCTGGAGAAGATGTCAGGCCTGGTGTTT
TTCCCCCATCTGGATAGAACAGGGACATCCGGAACATTTGCTCTGTGGACACCTGCAAACCTCTGGGGT
TCCAGGAGTTCACTCTGTACCTGAGCACAAGGAAGATCGACGGAGCCCGTCTGTGGCCAGACTGGAGAA
GGTTCTGGAAGCTTTGAAGAGCTCTGGGGTGAACCTGACGATTACTTCTGAGTCGCTATGGGAAAAAG
CTGGAGGAACTGAAGGCTAAGGAGCAGAAGGACGCCAGCTGGAAAAGCAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR213430 representing NM_001106866
Red=Cloning site Green=Tags(s)

MAAKGFASRLRDSRRFLNGFLAGAVVGAAGAGLTALQFLQRRDAGSARPARQPHEVSEKVVLEQFGFPLT
 GTETRRYTNHALSYDQAKRVPRWVLEHISKDKIIGDADRKHKCFKPDPTVPSAFSALNEDYIGSGWSRGGH
 MAPAGNNKFSSEAMAETFYLSNIVPQNFENNSGYWNRIEMYCRELTERFEDVWIIVSGPLTLPHTRNDGTK
 TVSYQVIGEDNVAVPSHLYKVLARRSPESTEPLALGAFVVPNKAIGFQSQLSEFQVSLHDLEKMSGLVF
 FPHLDRTDIRNICSVDTCLLGFQFTLYLSTRKIDGARSVARLEKVLKSSSGVEPDDYFLSRYGKK
 LEELKAKEQKDAQLEKQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

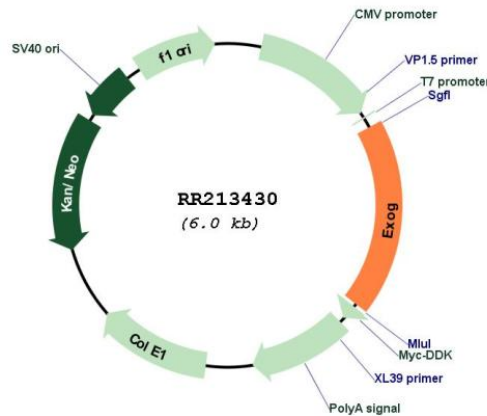
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106866

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|-------------------------------|---|
| ORF Size: | 1104 bp |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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: | NM_001106866.1 , NP_001100336.1 |
| RefSeq Size: | 4085 bp |
| RefSeq ORF: | 1107 bp |
| Locus ID: | 301062 |
| Cytogenetics: | 8q32 |
| MW: | 41.3 kDa |