

Product datasheet for **MR216463**

Scrn3 (NM_029022) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Scrn3
Synonyms:	4833415E20Rik; AI427019; AV002033; Ses3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR216463 representing NM_029022
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGAACCTATTCTGTGACACTTTTGTGGCATTACCTCCAGCAACAGTAGGAAATAGGGTTATTTTG
GAAAAAATTCAGACAGACTCTTTGATGAAGTACAAGAAGTAATTTACTGTCCAGCTGCAGTTCAATGA
TTTGGAAAAACGTCTCAAGTGTACTTATAGAAAGTTGATCAAGTTCCTGAAACATATGCTGTTGTCCTT
AGTCGCCCAGCTTGGCTGTGGGGGCGAGAAATGGGTGCCAATGAGCATGGAGTCTGCATTGGGAATGAGG
CTGTATGGGGAAGAGAAGACATTTCTAAGGAGGAAGCACTTTTGGGCATGGACCTTGTGAGGCTGGGCCT
TGAGAGAGCTGACACGGCTGAGAAAGCTCTGGATGTCATTGTTGACTTACTAGAAAAGTATGGCCAAGGT
GGAAACTGCGCAGAGGGCAAAGAGTTCAGCTATTACAACAGTTTCCTGATAGCTGACAGGAATGAAGCCT
GGATCCTGGAGACGTGGGGAAGTACTGGGCAGCAGAGAGTCCAAGGCGTTCGTAATATTTCCAATCA
GCTTTCATACCAACCAAGATTGACCGGGAACATCCAGACATGAGGAACTACGCTAAGCAGAGGGGCTGG
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CACCAAGCAGGTAAGTCCAGGGCTACAAGCTTCTGGATAAACACAGAGGAAACATAACTTTTGAAACGAT
GATGGAATTTCTTCGAGACAGACCCAGTGGCATCAACATGAAGGGAGAATTCCTGACCACGGCAAGCATG
GTTTCTGTTTTACCTCAGGATCCAGCCTTCTTGCATTACCTCTTTACTGCAACTCCGACCCCTGAGA
GGTCTGTTTTTAAGCCTTTTATATTGTACCACACATTTCACTACTGTTGGATACAAAATCACCAACATT
TGAACCTGAAAGGCCAGTGGCAAAGAAGCCATATGTCAAGCCTGACAGAAGACCCACTCTACCAAAAA
CATCAAGAGGCCTTGAAATGATAAGTAACAGTAAGGAAAAAGGCAAGACAATATTGGACAAGATGAGGA
AGCTGGAAAAAGCAGTATCTGAAGAGATAGAATCAATCCTCCAGAGTGGACATCTCGACGAGGAGAAAAAC
TGTTAATCTCTTCTCAATATGTGAAAGATGAAATTAATTTATCAGTCAATATTAGTTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Red=Cloning site Green=Tags(s)

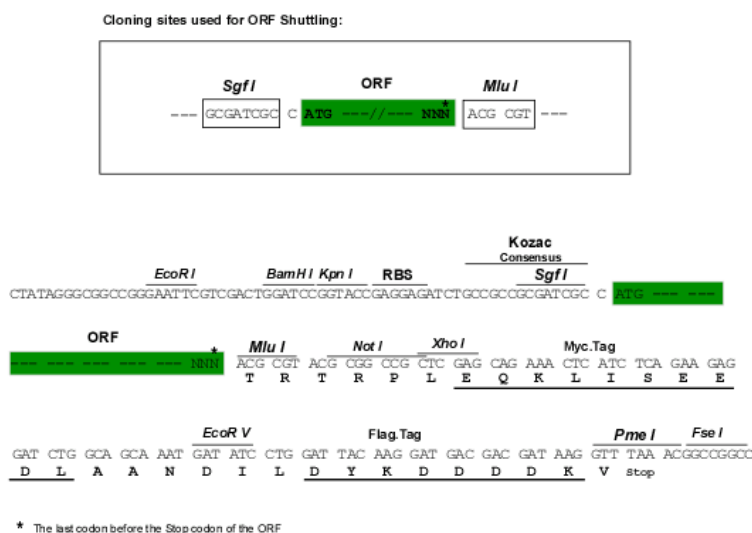
MEPYSCDTFVALPPATVGNRVIFGKNSDRFLFDEVQVEVIYCPAAVHNDLEKRLKCTYIEVDQVPETYAVVL
SRPAWLWGAEMGANEHGVCIGNEAVWGREDISKEEALLGMDLVRGLERADTAEKALDVIVDLLEKYGG
GNCAEGKEFSYNSFLIADRNEAWILETSKGYYAAERVQGVNRINSQLSITTKIDREHPDMRNYAKQRGW
WDGKEEFDFTAAYSIDTAAMMTPSPSYCKQYKYLHDKHGRNITFETMMEILDRPSSGINMKGEFLTASM
VSLVPDQPSLCPIHLFATPHERPERSVFCGFIKTHISPLLDTKSPTEFERPVAKKPYVKPDRIYQLYQK
HOEAFEMTSNKSFGKGTIIDMKRLKFAVSEFETESIOGSHDEFTVNI EPOYVKDFEPTKRNOSNTSS

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9061_f06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_029022

ORF Size: 1254 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 10µg of transfection-ready, dried plasmid DNA (reconstitute with 100 µl of water).

Reconstitution Method:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_029022.1](#), [NP_083298.1](#)

RefSeq Size: 3247 bp

RefSeq ORF: 1257 bp

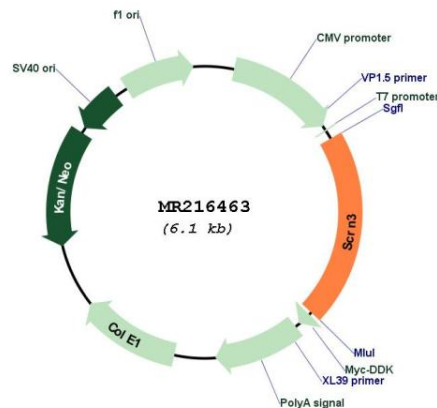
Locus ID: 74616

UniProt ID: [Q3TMH2](#)

Cytogenetics: 2 C3

MW: 47.7 kDa

Product images:



Circular map for MR216463