

Product datasheet for **MR221300**

Adam30 (NM_027665) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Adam30
Synonyms:	4933424D07Rik; svph4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR221300 representing NM_027665
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGTCAAGTGTGGCCTTCTGCCCCAGCACCGCTGGCTGTTTCTGACGATGCTCTTTCATGAGGCTG
TAGGCCAAGAAGACCTACTATTTGACCCTGACTGGGCTTTGACTCATATGAAATCACCATTCCCAAAGT
AATAAGCTTTAAGAAAGGGGCGCAGGGTGTAGACAGTTCTTTGTACATACCTCTTACAGATAGAAGGCAAG
GCGCGTGTGTTCACCTGCGACCCAAGAAGTTACTGTTGCCAAGACATCTGCCAGTTTTCTCCTTCACTC
AAGAGGGCAGTCTGATAGAGGATTATCCGCATATACCAGACCAGTGAATTACGTGGGCTCCGTGGAAGG
CTCTCAGGAATCCGAATCTACTCTGAGTACATGCATGGGAGGTCTGCGAGGCGTACTGAACATTGACTCC
AGATACTACCAATCGAGCCCCTCAGGGCCTCTCCAGTTTGAACACGTGGTGTATCTCGTAACTGAGG
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TATCCTTGGGCTGCTACTTGGACTGCTCATGAATTGGGCCATTGTGTGGGGATGATACATGATGAGGAA
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ACCATCAGTATTTTTTACAGCATCTTATAAAATGTCCTATTGTCTGTCTGACTTCCCAAAGCTACATAT
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GACTGTTTACCTGACAAGTGCAATAGCCGAGGTGTTTGCAACAATAGAAAGAATTGCCATTGCTCATATG
GCTGGGAACCCCATTTTGTGTAGAGGTAGGATACGGTGGGAGCCTTGACAGTGGGCCTCTGGACCCAG
GATAGAAGTACTTTCAACGACTAGTGTCTGTACATGTTGCGTACTATCTTATTCCTCGTCTCCATGATT
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CAGCTGAGACGCAGGGGAAGAAGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221300 representing NM_027665

Red=Cloning site Green=Tags(s)

MRSVWAFLPQHRWLFLTMLFHEAVGEEDLLFDPDWGFDSEITIPKVISFKKGAQGVDSLSYLLQIEGK
ARVVHLRPKLLLPRLPVFSFTQEGSLIEDYPHIPDQCNYVGSVEGSQSESTLSTCMGGLRGVLNIDS
RYYQIEPLRASSSEFHVYLVTEDNFNNETCGVVDEETGGQTAEEMARISSFHQSYKHQRYLELVMVF
DLDRFVFARGNMSRMVDDAILLASIADTYFQDVSLKIQLKALEVWYYNRIRLYYPSLSEVLGQFVHYKR
NSMHHRLPADWFHLYIARRYIDANAWSWGRACEEFHAGSASSFLNVNILGPATWTAHELGHCVGMIHDEE
FCQCRGRKSCIMGTGRTGFSNCSYHQYFLHASYKMSYCLSDFPKLHIVERCGNKIIVENKEECDGSKEDC
KKDLCCGPDCKWKEGVNCSGLCCHKCNFLPSGYVCRKEVNECDLEEYCDGTSGVCPDDSYKQDGTPCRN
GGFCFRKGCRSRYLQCQSIIFGRKAKEAPHQCYEAVNMLGDQSGNCGIVNATRYTRCHRGNTICGRLQCIN
VKALSKFPDHTIILSTYLRGDNLICWGTSYHGTMIPHGVPDIDGIDSGTSCGRNRVCLNRTCVDYTNLKF
DCLPDKNSRGVCNNRNKCHCSYGWEPFCEVGYGGSLDGGPPGPRIEVLSTTSALYMLRTLILFLVSMI
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

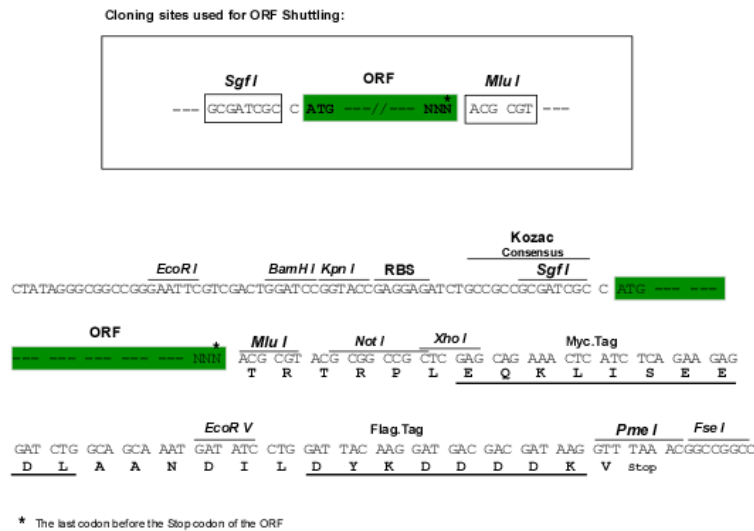
Chromatograms:

https://cdn.origene.com/chromatograms/mm9013_e04.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_027665

ORF Size:

2196 bp

OTI Disclaimer:

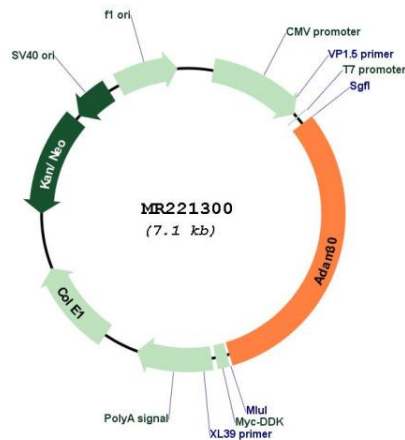
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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:	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:	<u>NM_027665.1, NP_081941.1</u>
RefSeq Size:	2362 bp
RefSeq ORF:	2199 bp
Locus ID:	71078
Cytogenetics:	3 F2.2
MW:	83.6 kDa

Product images:



Circular map for MR221300