

Product datasheet for MR202012

TagIn2 (NM_178598) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TagIn2 (NM_178598) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: TagIn2
Synonyms: 2700094C18Rik; Sm22a; Sm22B; SM22beta
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR202012 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAACAGGGGACCTTCTACGGCCTGAGCCGAGAGGTGCAGCAGAAGATTGAGAAGCAGTACGACG
 CGGATCTGGAGCAGATCCTCATCCAGTGGATCACCCTCAGTCCCGGAGGACGTGGGCCAGCCCCAGCC
 TGGCCGTGAGAACTTCCAGAAGTGGCTCAAGGACGGCACGGTTCTGTGCAAGCTTATAATTCAGTGTAT
 CCTGAGGGGCAGGCCCCAGTAAAGAAGATCCAGGCCTCTTCGATGGCCTCAAGCAGATGGAGCAGATCT
 CCCAGTTCCTGCAGGCAGCCGAGCGCTATGGCATTAAACACCACGGACATCTCCAGACTGTGGATCTCTG
 GGAAGGAAAGAACATGGCTTGTGTGCAGCGGACTAATGAACCTGGGTGGGCTGGCAGTAGCCAGGGAC
 GATGGGCTCTTCTCTGGGGATCCCAACTGGTTTCTAAGAAATCCAAGGAGAACCCTCGGAATCTCGG
 ACAACAGTTGCAAGAGGGCAAGAACGTGATTGGGTTGCAGATGGGCACCAACCGTGGAGCATCTCAGGC
 CGGCATGACCGGCTATGGGATGCCACGGCAGATCCTC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202012 protein sequence
 Red=Cloning site Green=Tags(s)

MANRGPSPYGLSREVVQKIEKQYDADLEQILIQWITTQCREVDVGPQPGRENFQKWLKDGTVLCKLINSLY
 PEGQAPVKKIQAASSMAFKQMEQISQFLQAAERYGINTTDFQTVDLWEGKNMACVQRTLMLNLGGLAVARD
 DGLFSGDPNWFPPKSKENPRNFSNQLQEGKNVIGLQMGTNRGASQAGMTGYGMPRQIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_178598

ORF Size: 600 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.

RefSeq: [NM_178598.1](#)

RefSeq Size: 1382 bp

RefSeq ORF: 600 bp

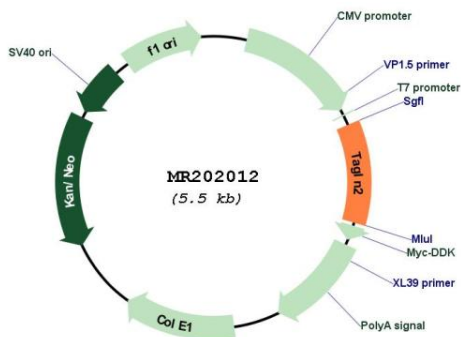
Locus ID: 21346

UniProt ID: [Q9WVA4](#)

Cytogenetics: 1 79.89 cM

MW: 22.4 kDa

Product images:



Circular map for MR202012