

Product datasheet for MR202013

TagIn3 (NM_019754) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TagIn3 (NM_019754) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: TagIn3
Synonyms: 2700038H05Rik; 2900005O10Rik; AI426007; Np25
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR202013 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAACAGGGGTCCGAGCTATGGCTTAAGCCGAGAGGTGCAGGAGAAGATTGAGCAGAAGTATGACG
CGGATCTGGAGAACAAGCTGGTGGACTGGATCATCCTGCAGTGTGCTGAGGATATAGAGCACCCGCCCC
GGGAGGGCCATTTTCAGAAATGGTTGATGGACGGGACGGTCTGTGCAAGCTGATAAACAGTTTATAT
CCACCAGGGCAAGAACCATCCCAAGATCTCAGAGTCAAAGATGGCTTTTAAGCAGATGGAGCAAATCT
CTCAGTTCCTGAAAGCTGCCGAGGTCTATGGTGTGAGGACCACTGACATTTTCAAACAGTGGATCTCTG
GGAAGGGAAGGACATGGCAGCTGTGAGAGGACTCTGATGGCCTTGGGAGTGTTCAGTACCAAGGAT
GATGGCTGCTACCGGGGAGAGCCATCCTGGTTTACAGGAAAGCCAGCAGAATCGGAGAGGATTTTCAG
AGGAGCAACTTCGCCAGGGACAGAATGTCATAGGCCTGCAGATGGGACAGCAACAAGGGTGCCTCCAGGC
GGCATGACGGGTACGGGATGCCAGGCAGATCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202013 protein sequence
Red=Cloning site Green=Tags(s)

MANRGPSTYGLSREVEKIEQKYDADLENKLVDWIILQAEDIEHPPPGRAHFQKWLMDGTVLCKLINSLY
PPGQEPQPKISESKMAFKQMEQISQFLKAAEVYGVRTTDFQTVDLWEGKDMAAVQRTLMALGSAVAVTKD
DGCYRGEPSWFFHRKAQQNRRGFSEELRQGNVIGLQMGSNKGASQAGMTGYGMPRQIM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_019754

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_019754.3](#), [NP_062728.1](#)

RefSeq Size: 1269 bp

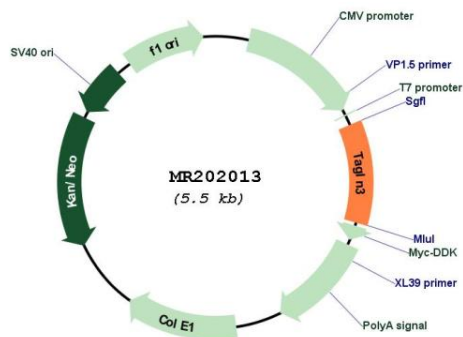
RefSeq ORF: 600 bp

Locus ID: 56370

UniProt ID: [Q9R1Q8](#)

Cytogenetics: 16 B5
 MW: 22.5 kDa

Product images:



Circular map for MR202013