

Product datasheet for RN216015

TagIn3 (NM_031676) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TagIn3 (NM_031676) Rat Untagged Clone
Tag:	Tag Free
Symbol:	TagIn3
Synonyms:	Np22; Np25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216015 representing NM_031676 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAACAGGGTCCGAGCTACGGCTTAAGCCGAGAGGTGCAGGAGAAGATTGAGCAGAAATATGACG
CGGACCTGGAGAACAAGCTGGTGGACTGGATCATCCTGCAGTGTGCTGAGGATATAGAGCACCCGCCCC
GGCAGGACCCATTTTCAGAAATGGTTGATGGACGGGACGGTCTGTGCAAGCTGATAAACAGTTTATAT
CCACCAGGACAAGAACCATCCCAAGATCTCAGAGTCAAAGATGGCTTTTAAGCAGATGGAGCAAATCT
CTCAGTTCCTGAAGGCTGCCGAGGTCTATGGCGTCAGGACCACTGACATTTTCAAACAGTGGATCTATG
GGAAGGGAAGGACATGGCAGCTGTGCAGAGGACTCTGATGGCTCTGGGAAGCGTTGCAGTTACCAAGGAT
GATGGCTGCTACCGGGGAGAGCCGTCCTGGTTTACAGGAAAGCCAGCAGAATCGGAGAGGATTTTCAG
AGGAGCAACTTCGCCAGGGACAGAATGTCATAGGCCTGCAGATGGGCAGCAACAAGGGTGCCTCCAGGC
AGGCATGACGGGGTACGGGATGCCAGGCAGATCATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031676
Insert Size:	600 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_031676.2</u> , <u>NP_113864.2</u>
RefSeq Size:	1047 bp
RefSeq ORF:	600 bp
Locus ID:	63837
UniProt ID:	<u>P37805</u>
Cytogenetics:	11q21
Gene Summary:	<p>human homolog mRNA has increased expression in the superior frontal cortex of alcoholics; may interact with cytoskeletal elements in the brain [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>