

Product datasheet for MC210312

Ing5 (NM_025454) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ing5 (NM_025454) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ing5
Synonyms:	1700001C14Rik; 1700027H23Rik; 1810018M11Rik; AI225768
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210312 representing NM_025454 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGACTGCCATGTACTTGGAGCACTATCTGGACAGCATTGAGAACCTTCCCTGTGAACCTCAGAGGA
ACTTCCAGCTGATGCGAGAGCTAGACCAGAGAACAGAAGATAAGAAAGCAGAGATCGACATCCTGGCTGC
AGAGTATATTTCCACAGTGAAGACTCTCTCGTCAGCCCAGCGTGTGGAGCACCTCCAGAAGATCCAGAGC
GCCTACAGCAAGTGCAAGGAGTACAGTGATGACAAGGTGCAGCTGGCCATGCAGACCTACGAGATGGTGG
ATAAACACATCCGAAGACTTGTGCTGACCTGGCGCGCTTTGAGGCTGACCTGAAGGACAGGATGGATGG
AAGTGACTTTGAGAGCACTGGAGCACGGAGCTTGAAAAAGGCCGGAGTCAGAAAGAAAAAGAAGCTCC
CGGGGCCGAGGCCGGCGGACGTCAGAAGAGGATACCCCAAGAAGAAGAAACATAAAAGCGGGTCTGAGT
TTACTGACAGTATCCTATCTGTGCACCCCTCTGATGTGCTGGACATGCCTGTGGATCCGAATGAGCCTAC
ATACTGCTTGTGCCACCAGGTGTCTACGGGGAGATGATCGGCTGTGACAATCCAGATTGTCCCATTGAG
TGGTTTCACTTTGCCTGCGTGGATCTACCACAAAGCCCAAGGAAAGTGGTTTTGTCCACGATGTGTTCC
AGGAAAAGAGGAAGAAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_025454
Insert Size:	723 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).
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:	NM_025454.2 , NP_079730.1
RefSeq Size:	4539 bp
RefSeq ORF:	723 bp
Locus ID:	66262
UniProt ID:	Q9D8Y8
Cytogenetics:	1 D
Gene Summary:	Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. May function as a transcriptional coactivator for RUNX2. Inhibits cell growth, induces a delay in S-phase progression and enhances Fas-induced apoptosis in an INCA1-dependent manner (By similarity).[UniProtKB/Swiss-Prot Function]