

Product datasheet for **MC209707**

Ing1 (NM_011919) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ing1 (NM_011919) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ing1
Synonyms: 2610028J21Rik; AA407184; A1875420; mING1h; p33Ing1; p37Ing1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209707 representing NM_011919
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTGAGTCCTGCCAACGGGGAGCAGATCCACCTGGTGAACATGTGGAGGATTACCTGGACTCAATCG
AGTCACTGCCTTTCGACCTGCAGAGGAACGTCTCGCTGATGCGGGAGATCGACGCCAAATACCAAGAGAT
CCTGAAGGAGCTGGACGACTACTATGAGAAGTTCAAACGGGAGACAGACGGCACCCAGAAGCGCCGGTA
CTGCACTGCATCCAGAGGGCCCTGATCCGCAGCCAGGAGCTAGGCGATGAGAAGATCCAGATCGTGAGTC
AGATGGTGGAGCTGGTGGAGAACCAGCAGACAGGTGGACAGTACGTTGGAGCTCTTGAAGCACACCA
GGACATCAGTGACGGCACTGGTGGCAGCGGCAAGGCGGGCCAGGACAAGTCAAGAGTGAGGCCATCACA
CAGGCAGATAAGCCGAATAACAAGCGGTCCAGGAGGCAGCGAAACAATGAGAAATCGAGAGAACCGTCGA
ATAATCACGACCATGATGACATCACCTCAGGAACGCCAAGGAGAAGAAAGCAAAAACCTCAAAGAAGAA
GAAACGCTCCAAGGCCAAAGCAGAGAGGGAAGCGTCTCCTGCCGACCTTCCCATCGACCCCAACGAGCCC
ACGTAAGTGTCTGTGCAACCAGGTCTCTACGGGGAGATGATCGGCTGTGACAACGACGAATGCCCATCG
AGTGGTTCCACTTCTCCTGCGTGGGGCTCAACCATAAACCAAGGGCAAGTGGTACTGCCCAAGTGCCG
TGGGGAGAGCGAGAAGACCATGGACAAAGCCCTGGAGAAGTCCAAGAAAGAGAGGGCTTACAACAGG**TAG**

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_011919
Insert Size: 840 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_011919.5 , NP_036049.2
RefSeq Size:	2433 bp
RefSeq ORF:	840 bp
Locus ID:	26356
UniProt ID:	Q9QXV3
Cytogenetics:	8 A1.1
Gene Summary:	<p>Isoform 1 inhibits p53-dependent transcriptional activation and may function as an oncoprotein. Isoform 2 acts as a negative growth regulator by cooperating with p53 in transcriptional activation of p53-responsive genes and may act as a tumor suppressor. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>