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Product datasheet for SC305433

ING5 (NM_032329) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ING5 (NM_032329) Human Untagged Clone
Tag:	Tag Free
Symbol:	ING5
Synonyms:	p28ING5
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

```
>OriGene sequence for NM_032329 edited
GCGGCCGCGGACGAAGATGGCGACCGCCATGTACTTGGAGCACTATCTGGACAGTATCGA
GAACCTTCCCTGCGAACTTCAGAGGAACTTCCAGCTGATGCGAGAGCTGGACCAGAGGAC
GGAAGATAAGAAAGCAGAGATTGACATCCTGGCTGCAGAGTACATCTCCACGGTGAAGAC
GCTGTCTCCAGACCAGCGCGTGGAGCGCCTGCAGAAGATCCAGAACGCCTACAGCAAGTG
CAAGGAATACAGTGACGACAAAGTGCAGCTGGCCATGCAGACCTACGAGATGGTGGATAA
ACACATTCGAAGGCTTGATGCAGACCTGGCGCGCTTTGAAGCAGATCTGAAGGACAAGAT
GGAGGGCAGTGATTTTGAAAGCTCCGGAGGGCGAGGGTTAAAAAAAGGCCGGGGTCAGAA
AGAAAAAAGAGGGTCCCGGGGCCGAGGCAGGAGGACATCAGAGGAAGACACACCAAAGAA
AAAGAAGCACAAAGGAGGGTCTGAGTTCACTGACACCATCCTGTCCGTGCACCCCTCTGA
TGTGCTGGACATGCCCGTGGACCCAAACGAACCCACGTACTGCCTGTGCCACCAGGTCTC
CTATGGGGAGATGATTGGCTGTGACAATCCAGACTGTCCAATTGAGTGGTTTCACTTTGC
CTGCGTGGACCTTACCACGAAACCCAAAGGAAAATGGTTCTGTCCACGGTGTGTCCAGGA
AAAGAGGAAGAAGAAGTAGGAGGAGCTGTGTGCCCGGATCCGAGGAGCAAGTTAATCTGT
CCCTTCATTCGTGTCGCAATATTTCCCTTCCTTTTAAAACTACCTTGTTCGGTTGATACT
TAGTAACTCCGTGGCCAGTTGAAGCGCTGGATGTTTCCTAGAACAAGAACCACCAAAGCC
TGTTCGCACAGAAGGGCGACCTTGCAGGGACTCGCCGCCGCGACCTCAGTGTGGCTTTTA
CAGGACTCCCCCCGAGCATCAGCAGGGACCCCGGCGGACGTGGGCGGGCGCGCGTGAGCT
CGGGCTGCCCGGCCGGGCGTGCGGGCGGGGACATGGTAACCTGGTCCACGGAGGGCGGCC
GCCACCCTCGCGTAGCTTTCCTGTGGTTTTCCAGGACTGTCCGGTACAGCCCGGGCTCCG
CGTGCCCCGCCCGCTGGAGCACCTGCCACCGAGGCGCGCGTGGGGCCACTGCCGTGGCGG
CGGCTGCCCTCCTCACACTCGGCTCCGCGCCGCCTCCGGCCACCGTGCGCTCCCGCGTGG
GGCGCCTCGGACGGGCCCGGGAGGGCTGGGGGCTCTTCCCTGGAGGAAGCGGCCTCCGCT
TCGCTGGCGCCGCCTTTTTAGCTTGGACTTCAGTCCTCCCTCGGGGACTCACCTCCGGAG
TAAACGGCTCTTCATTAGCTTGGAGTGGCCGCAGGTCCCGTGACCAGCACCCGCGAGACC
CTGTGCGACAGCTGGGCTGATGCTCCGTTTCTCTGGGAATTGGTGATTTTTTACTGTGAA
GATGAAATTACCCTAATAGCATGAAGATCGTGGGTCTGTGTCCGTGAAGTGAGTCCCGTC
TGCCAGGAGCTGACGAACCACGAATGCTTCTGCCTGTGCTGTGCATTCCCGGGCCCGCAG
CTCCCGGTCGAGGGGACTCCGATGTGAATTTGTTGTGAATTTGTTGTGCCACAATAGCAG
TTCTGGAATGAAGCTAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_032329

Insert Size: 1700 bp

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: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_032329.4.

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_032329.4, NP_115705.2
RefSeq Size:	5233 bp
RefSeq ORF:	723 bp
Locus ID:	84289
UniProt ID:	Q8WYH8
Cytogenetics:	2q37.3
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a tumor suppressor protein that inhibits cell growth and induces apoptosis. This protein contains a PHD-type zinc finger. It interacts with tumor suppressor p53 and p300, a component of the histone acetyl transferase complex, suggesting a role in transcriptional regulation. Alternative splicing and the use of multiple promoters and 3' terminal exons results in multiple transcript variants. [provided by RefSeq, Aug 2016]