

Product datasheet for **SC122399**

ING5 (BC005370) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ING5 (BC005370) Human Untagged Clone
Tag:	Tag Free
Symbol:	ING5
Synonyms:	FLJ23842; inhibitor of growth family, member 5; p28ING5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC005370 edited

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GGAGCGCGGCCGCGGACGAAGATGGCGACCGCCATGTACTTGGAGCACTATCTGGACAGT
ATCGAGAACCTTCCCTGCGAACTTCAGAGGAACCTCCAGCTGATGCGAGAGCTGGACCAG
AGGACGGAAGATAAGAAAGCAGAGATTGACATCCTGGCTGCAGAGTACATCTCCACGGTG
AAGACGCTGTCTCCAGACCAGCGCTGGAGCGCCTGCAGAAGATCCAGAACGCCTACAGC
AAGTGCAAGGAATACAGTGACGACAAAGTGCAGCTGGCCATGCAGACCTACGAGATGGTG
GATAAACACATTGAAAGGCTTGATGCAGACCTGGCGCGCTTTGAAGCAGATCTGAAGGAC
AAGATGGAGGGCAGTGATTTTGAAGCTCCGGAGGGCGAGGGTTAAAAAAGCCGGGGT
CAGAAAAGAAAAAGAGGGTCCCGGGCCGAGGCAGGAGGACATCAGAGGAAGACACACCA
AAGAAAAAGAAGCACAAGGAGGGTCTGAGTTCAGTACACCATCCTGTCCGTGCACCCC
TCTGATGTGCTGGACATGCCCGTGGACCCAAACGAACCCACGTAAGTGCCTGTGCCACCAG
GTCTCCTATGGGAGATGATTGGCTGTGACAATCCAGACTGTCCAATTGAGTGGTTTCAC
TTTGCCTGCGTGGACCTTACCACGAAACCCAAAGGAAAATGATTTCAATTAATAAAAAAC
CTGTAGTCTGGGCAACATCGGGAGACCCCAACTCTACAAAAATACAAAAATTAGCTGGG
CGTGGTGGTGCCTGTGGTCCCAACTACCTGGGAGGCGGAGGCGGGAGGATGGCTTG
AGCCTGGAAGTCCGAGGCTTCAGTGAGCTGAGATCGCGCCACTGCACTCCAGCCTGGCGG
AGAGAGCAAGACCCTGTCTCAAATAAATAAATAAAAAAGATAAAAAACCAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BC005370 unedited</p> <pre> ACGTCAGAATTTGTATACGACTCACTATAGGGCGGCCGCGATTCCGGCCATTACGGCCGGG GGGAGCGCGGCCCGCGGACGAAGATGGCGACCGCCATGTA CTGGAGCACTATCTGGACAG TATCGAGAACCTTCCCTGCGAACTTCAGAGGAACCTCCAGCTGATGCGAGAGCTGGACCA GAGGACGGAAGATAAGAAAGCAGAGATTGACATCCTGGCTGCAGAGTACATCTCCACGGT GAAGACGCTGTCTCCAGACCAGCGCTGGAGCGCTGCAGAAGATCCAGAACGCCTACAG CAAGTGC AAGGAATACAGTGACGACAAAAGTGCAGCTGGCCATGCAGACCTACGAGATGGT GGATAAACACATTCTGAAGGCTTGATGCAGACCTGGCGCGCTTTGAAGCAGATCTGAAGGA CAAGATGGAGGGCAGTGATTTTGAAGCTCCGGAGGGCGAGGGTTAAAAAAGGCCGGGG TCAGAAAGAAAAAGAGGGTCCCGGGGCGAGGCAGGAGGACATCAGAGGAAGACACACC ANAGAAAAAGAAGCACANAGGAGGGTCTGAGTTCACTGACACCATCTGTCCGTGACCC CTCTGATGTGCTGGACATGCCCGTGGACCCAAACGAACCCACGTACTGCCTGTGCCACCA GGTCTCCTATGGGGAGATGATTGGCTGTGACAATCCAGACTGTCCAATTGAGTGGTTTCA CTTTGCCTGGCGTGGACCTTACCCCGAACCCAAAGGAAATGATTTCAATTAATAAAAAAC CTGTAGTCTGGGGCACATCGGGGAGACCCAACTCTCCAAAAATCAAAAATTANCTGGG CGTGGTGTGCCTGCCTGTGGGCCAACTACTGGGAGGGCGAGCCGGAAGGATGGCCTT GCCCTGGAAATCCAGGCTC </pre>
Restriction Sites:	Please inquire
ACCN:	BC005370
Insert Size:	976 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).
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:	BC005370.1 , AAH05370.1
RefSeq Size:	976 bp
Locus ID:	84289
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]