

Product datasheet for **SC319143**

Inhibin alpha (INHA) (NM_002191) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Inhibin alpha (INHA) (NM_002191) Human Untagged Clone
Tag:	Tag Free
Symbol:	Inhibin alpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_002191.2</p> <pre> GTGGAAGGCCCTGGGCAGACCCTGGCAGAAGGGGCACGGGGCAGGGTGTGAGTCCCCA CTAGCAGGGCCAGGTGAGCTATGGTGTGCACCTACTGCTCTTCTTGCTGCTGACCCAC AGGGTGGGCACAGCTGCCAGGGGCTGGAGCTGGCCCGGGAACCTGTTCTGGCCAAGGTGA GGGCCCTGTTCTTGATGCCTTGGGGCCCCCGCGGTGACCAGGGAAGGTGGGGACCCCTG GAGTCAGGCGGCTGCCCCGAAGACATGCCCTGGGGGGCTTACACACAGGGGCTCTGAGC CCGAGGAAGAGGAGGATGTCTCCAAGCCATCCTTTCCAGCCACAGATGCCAGCTGTG AGGACAAGTCAGTGCAGAGGGCTGGCCAGGAGGCTGAGGAGGGCCTCTTCAGATACA TGTTCCGGCCATCCCAGCATACACGCAGCCGACAGGTGACTTCAGCCAGCTGTGGTTCC ACACCGGGCTGGACAGGCAGGGCACAGCAGCCTCCAATAGCTCTGAGCCCCTGCTAGGCC TGCTGCTACTGTACCCGGGAGGACCCGTGGCTGTGCCATGTCTTTGGGCCATGCTCCCC CTCACTGGGCCGTGCTGCACCTGGCCACCTCTGCTCTCTCTCTGCTGACCCACCCCGTCC TGGTGCTGCTGCTGCGCTGTCCCCTCTGTACCTGCTCAGCCCGGCTGAGGCCACGCCCT TCCTGGTGGCCCACTCGGACCAGACCACCCAGTGGAGGGGAGAGGCCGACGCTCAA CTCCCCTGATGCTCCTGGCCTTGGTCTCCCTCTGCTCTGCGCCTGCTGCAGAGGCTCCGG AGGAACCGGCTGCCATGCCAACTGCCACAGAGTAGCACTGAACATCTCCTTCCAGGAGC TGGGCTGGGAACGGTGGATCGTGTACCCTCCCAGTTTCATCTTCCACTACTGTCATGGT GTTGTGGGCTGCACATCCACCAAACCTGTCCCTTCCAGTCCCTGGGGCTCCCCTACCC CAGCCCAGCCCTACTCCTTGCTGCCAGGGGCCAGCCCTGCTGTGCTGCTCTCCAGGGA CCATGAGGCCCTACATGTCCGCACCACCTCGGATGGAGGTTACTTTCAAGTATGAGA CAGTGCCCAACCTTCTACGCAGCACTGTGCTTGTATCTAAGGGTGGGGGCTTCTCCTTC TTAATCCCATGGCTGGTGGCCACGCCCCACCATCATCAGCTGGGAGGAAAGGCAGAGTT GGGAAATAGATGGCTCCCACTCCTCCCTCCTTTCACTTCTGCTATGGGCTACCCTCC CCACCCCACTTCTATCTCAATAAAGAACACAGTGCATATGAAAAAAAAAAAAAAAAAAAA AAAA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_002191



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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_002191.2 , NP_002182.1
RefSeq Size:	1424 bp
RefSeq ORF:	1101 bp
Locus ID:	3623
UniProt ID:	P05111
Cytogenetics:	2q35
Domains:	TGF-beta
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate multiple peptide products, including the alpha subunit of the inhibin A and B protein complexes. These complexes negatively regulate follicle stimulating hormone secretion from the pituitary gland. Inhibins have also been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. Mutations in this gene may be associated with male infertility and premature ovarian failure in female human patients. [provided by RefSeq, Aug 2016]