

Product datasheet for SC322705

INO80B (NM_031288) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	INO80B (NM_031288) Human Untagged Clone
Tag:	Tag Free
Symbol:	INO80B
Synonyms:	hles2; HMGA1L4; HMGIYL4; IES2; PAP-1BP; PAPA-1; PAPA1; ZNHIT4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for SC322705

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CATGAGTAAGCTGTGGCGGCGTGGGAGCACCTCTGGGGCTATGGAGGCCCTGAGCCGGG
AGAAGCCCTGGAGTTGAGCCTGGCGGGTGCCCATGGCCATGGAGTGCACAAGAAAAACA
CAAGAAGCACAGAAGAAACACAAGAAGAAACACCATCAGGAAGAAGACGCCGGGCCAC
GCAGCCGTCCCCGCAAGCCTCAGCTCAAACCTCAAAATCAAGCTTGGGGACAAGTCTT
GGGGACCAAGAGTGTTCTACCTTCACTGTGATCCCAGAGGGGCTCGCTCACCTCTCC
CCTTATGGTTGTGGATAATGAAGAGGAACCTATGGAAGGAGTCCCCCTTGAGCAGTACCG
TGCCTGGCTGGATGAAGACAGTAATCTCTCTCCCTCTCCACTTCGGGACCTATCAGGAGG
GTTAGGGGGTCAGGAGGAAGAGGAGGAACAGAGGTGGCTGGATGCCCTGGAGAAGGGGA
GCTGGATGACAATGGAGACCTCAAGAAGGAGATCAATGAGCGGCTGCTTACTGCTCGACA
GCGAGCTCTGCTCCAGAAGGCGCGGAGTCAACCTTCCCCTATGCTGCCGCTGCCTGTAGC
TGAGGGCTGCCACCTCCCGCCCTCACAGAGGAGATGCTGCTGAAGCGCGAGGAGCGGGC
GCGGAAGCGGCGGCTCCAGGCGGCGCGGCGGCGAGAAGAGCACAGAACCAGACTATCGA
GCGCCTCACCAAGACTGCGGCGACCAAGTGGGCGGGGAGGCCGGGGGGGCGCACGGGGCGA
GCGGCGGGGAGGGCGGGCTGCGGCTCCGGCCCCCATGGTGCCTACTGCAGCGGAGCACA
GGGTTCACCCCTTCTCTCCACCTGGCGTCCCGCCCCCACGGCAGTGTCTCAGCGGCC
ATCCCCCTCAGGCGCGCGCGCTGCTGTCTCCCGGCTGTCCCCATCCGCGCCGCTA
CGCTTGCTCCCGCACAGGCCAGGCACTGTAGTCTTCACTGCTACCGCATCAACCTGCA
GATGCGGCTGGGGGGCCGAGGGTCTTGATCCCCCTTTTGGTACGTAAGGCCCTTA
ACCGGACTCTGCGCCCGTCCCATGCCGCTCTTGAGTATCTTCCCCACCTATTAAAT
TACATCCGGTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	Please inquire
ACCN:	NM_031288



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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:	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:	<u>NM_031288.2, NP_112578.2</u>
RefSeq Size:	1217 bp
RefSeq ORF:	1071 bp
Locus ID:	83444
UniProt ID:	<u>Q9C086</u>
Cytogenetics:	2p13.1
Domains:	PAPA-1, zf-HIT
Gene Summary:	This gene encodes a subunit of an ATP-dependent chromatin remodeling complex, INO80, which plays a role in DNA and nucleosome-activated ATPase activity and ATP-dependent nucleosome sliding. Readthrough transcription of this gene into the neighboring downstream gene, which encodes WW domain-binding protein 1, generates a non-coding transcript. [provided by RefSeq, Feb 2011]