

Product datasheet for **SC104356**

HID1 (AK074401) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HID1 (AK074401) Human Untagged Clone
Tag:	Tag Free
Symbol:	HID1
Synonyms:	C17orf28; DMC1; HID-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC104356 sequence for AK074401 edited (data generated by NextGen Sequencing)

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ATGGGGTCGACCGACTCCAAGCTGAACTCCGGAAGGCGGTGATCCAGCTCACCACCAAG
ACGCAGCCCGTGGAAAGCCACCGATGATGCCTTTTGGGACCAGTTCTGGGCAGACACAGCC
ACCTCGGTGCAGGATGTGTTTGCACCTGGTGCCGGCAGCAGAGATCCGGGCCGTGCGGGAA
GAGTCAACCTCCAACCTGGCCACCCTGTGCTACAAGCCGTTGAGAAGCTGGTGCAGGGA
CTGAGAGTGGCTGCCACTCGGAGAAGGAGAAGCAGATCGTCTGAACTGCAGCCGGCTG
CTACCCCGGTGCTGCCCTACATCTTTGAGGACCCGACTGGAGGGGCTTCTTCTGGTCC
ACAGTGCCCGGGGCGAGGGCAGGAGGGCAGGGAGAAGAGGATGATGAGCATGCCAGGCC
CTGGCCGAGTCCCTGCTCCTGGCCATTGCTGACCTGCTCTTCTGCCCGGACTTACAGGTT
CAGAGCCACCGGAGGAGCACTGTGGACTCGGCAGAGGACGTCCACTCCCTGGACAGCTGT
GAATACATCTGGGAGGCTGGTGTGGGCTTCGCTCACTCCCCCAGCCTAACTACATCCAC
GATATGAACCGGATGGAGCTGCTGAAACTGCTGCTGACATGCTTCTCCGAGGCCATGTAC
CTGCCCCAGCTCCGAAAGTGGCAGCACCAACCCATGGGTTCAAGTTCTTTTGTCCACG
GAGAACAGACATGCCCTGCCCTTTCACCTCCCTCCTCAACACCGTGTGTGCCTATGAC
CCTGTGGGCTACGGGATCCCTACAACCACCTGCTTCTCTGACTACCGGGAACCCCTG
GTGGAGGAGGCTGCCAGGTGCTCATTGTCACTTTGGACCACGACAGTGCCAGCAGTGCC
AGCCCCACTGTGGACGGCACCACCACTGGCACCGCCATGGATGATGCCGATCCTCCAGGC
CCTGAGAACCTGTTTGTGAACTACCTGTCCCGCATCCATCGTGAGGAGGACTTCCAGTTC
ATCCTCAAGGGTATAGCCCGGCTGCTGTCCAACCCCTGCTCCAGACCTACCTGCCTAAC
TCCACCAAGAAGATCCAGTTCACCAGGAGCTGCTAGTTCTTCTTGGAAAGCTCTGCGAC
TTCAACAAGAAATTCCTTCTTCTCGTGCTGAAGAGCAGCGACGTCTAGACATCCTTGTC
CCCATCCTTCTTCTCAACGATGCCCGGGCCGATCAGTCTCGGGTGGGCTGATGCAC
ATTGGTGTCTTCATCTTGCTGCTTCTGAGCGGGGAGCGGAACTTCGGGGTGCGGCTGAAC
AAACCCTACTCAATCCGCGTGCCCATGGACATCCAGTCTTACAGGGACCCACGCCGAC
CTGCTCATTGTGGTGTCCACAAGATCATCACCAGCGGGCACCAGCGGTTGCAGCCCTC
TTGACTGCCTGCTCACCATCGTGGTCAACGTGTCCCTACCTCAAGAGCCTGTCCATG
GTGACCGCCAACAAGTTGCTGCACCTGCTGGAGGCCTTCTCCACCACCTGGTTCCTTCT
TCTGCCGCCAGAACACCACCTGGTCTTCTTCTCCTGGAGGTCTTCAACAACATCATC
CAGTACCAGTTTGTGGAACCTCAACCTGGTCTACGCCATCATCCGAAGCGCAGCATC
TTCACCAGCTGGCCAACCTGCCACGGACCCGCCACCATTACAAGGCCCTGCGGCGG
CGCCGGCGGACACCTGAGCCCTTGTCTCGCACCGGCTCCAGGAGGGCACCTCCATGGAGG
GCTCCCGCCCGCTGCCCTGCAGAGCCAGGCACCCTCAAGACCAGTCTGGTGGCTACTC
CAGGCATTGACAAGCTGA
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Clone variation with respect to AK074401.1
570 t=>c;1188 g=>a;1736 a=>g

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK074401 unedited</p> <pre> CCCCGCCCGCTTGGCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAG AGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCGAA TTCGGCACGAGGCTGAAGCCGGAGCCGGTTGGAGTCTGGGCGGGGGCCGGGCCGGAGCG GGCTCCAGAGACATGGGGTCGACCGACTCCAAGCTGAACCTCCGGAAGGCGGTGATCCAG CTCACCACCAAGACGCAGCCCGTGAAGCCACCGATGATGCCTTTGGGACCAGTTCTGG GCAGACACAGCCACCTCGGTGCAGGATGTGTTTGCACTGGTGCCGGCAGCAGAGATCCGG GCCGTGCCGGAAGAGTCAACCCTCCAACCTGGCCACCCTGTGCTACAAGGCCGTTGAGAAG CTGGTGCAGGGAGCTGAGAGTGGCTGCCACTCGGAGAAGGAGAAGCAGATCGTCCTGAAC TGCAGCCGGCTGCTACCCCGTGTGCTGCCCTACATCTTTGAGGACCCCGACTGGAGGGGC TTCTTCTGGTCCACAGTCCCGGNGCAGGNCGAGGAGGGCAGGNAGAANAGGATGATGAG CATGCCANGCCCTGGCCGAGTCCCTGCTCTGGCCATTGCTGACCTGCTCTTCTGCCCC GACTTCACGGNTCAGAGCCACCGAGGAGCACTGTGGACTCGGCAGAGGACGTCCACTCC CTGGACAGCTGTGAATACATCTGGGAAGGCTGGNGTGGGGCTTNGNTCACTTCCCCCAG CCTAACTACATCCACGATTTGAANCGGATGAAGCTGCTGGAAGTCTGCTGACATGCTTC TTGAGGCATGTACCTGCCCCAGCTCCGGAAGGGGCAGACACCCAGGGGTGAGTCTT TTGGTCCACGGAAAACGAATTGCCTGCCCTTTACTNCCTT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK074401 unedited</p> <pre> NNNCGGTACATCTATGNNACCGCGCCGAATCTANNGATCGGTTTTTTTTTTTTTTTTTTT TGGAGCAGGAGGTTTTATACGTTAAAGAGGCCGATTGTACAGAGCAAAGATTGTTCTGAC ACGGGGGGCTGGGTGGTGGGACCCAGAGCCAGAGCTGGTGAAGGATGAGGGGTGGCAT CGCCCCATCCAGGCAGTGGGCAGGGCAGGAGGACTAAACGGCTGCCTCCAGTTCCTT CCCTGCCCTCATTACTGGGTAAGAGGGAGCCAGGCTATTTCCACGGATCCAGGAGAATA TAGCAGGAGACCCTACCACCCACACCATGCCCAAGGATACGGGAGGTGCCCCAGTCT GGCTTTATGCAGTCGGCCAGTCCCAGCCTCCTCGAGGAGCAGCTGGCCACACCTTTTT CCCCTGGAGCCTGGAACAGCTGGCTTTGGGTTAGGAGGCTGGAAGCACCCCTTACCCTG TCCAGGCACCTCAAGGGACAGCCCGTGGTCCCTGGTCAAATCCCTTAGGGCACAGTGAC CAATTGGCTTCTGCCTCTGGGGCTGGGTAGCACAGGAGTGGTGGGCACTGAGGGGCCAG CACTGAGCCAGGTCTTAANAAGGAGTCCAATGTTGGGGCAGTGGTCTCTGGTGGGG CATAGCCCAGAGATGGGGCTCCTGTGAGTCCAGCCCTAGGGTTGAGGGGGATCTGAGC CATTTACATTGTTCTGGCCACAGGGTTCTTAGGCATGACACTTAGGGCCACTTTGGCTG GTTCCAGCCCTGATCGTATGAATTTAAAGCTCAAAGGGGGGATGGGNAAGACTCCAGG NACAAAGGCCTGGCTTCCCCTATAATGGAGCCCTCGTGGGTTTTTTTCTTACACCCGCTT GTTATTAAGATTTTCG </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK074401
Insert Size:	3500 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:

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: [AK074401.1](#), [BAB85070.1](#)

RefSeq Size: 3292 bp

RefSeq ORF: 1878 bp

Locus ID: 283987

Cytogenetics: 17q25.1

Gene Summary: May play an important role in the development of cancers in a broad range of tissues.
[UniProtKB/Swiss-Prot Function]