

Product datasheet for **SC212975**

AP3D1 (NM_003938) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: AP3D1 (NM_003938) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: AP3D1
Synonyms: ADTD; hBLVR; HPS10
ACCN: NM_003938
Insert Size: 1215 bp
Insert Sequence: >SC212975 3'UTR clone of NM_003938
The sequence shown below is from the reference sequence of NM_003938. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGATGAAGGCGACGCTGGCCAAGTGTGAGAGCTGCCTGCGAGCCCCGCCACCCCGCGGAGCACGT
ACCCAGGGACCCGACCCCTGACGTGTCTCGCCTCCTCAGTCGTGTACTGTACCAAGCCTGAGTG
TTAATTTAACTCTATGTTGTCCGCCGTGTAGACATCCGAGGTCATTTGTTGCGTTGAATTATCTGACCA
TCCTTTTTTACTGTGACTCTTCCATTCTCTTTGGCAAGAAGTCCCTTCTCGCCCCAAACCAGCAAG
GGACTCCCCACCTGGGTCTGTGCCCTGCCCGCGCTGGGGGCCGAGTCCTTGAATGTGGCTTCAGGGG
CTCCTGTCTGGGCCAGGGCCTGATGGGCACCACGTGAGGGGCACTTGGTGGACAGGGCGGGGCTGACG
TGGCCTCCTCTGGGGTGCCTGCTTTTGACCCAAAGTCTGACGGTTGCGTCCGGGGGAGGGGAAGGA
AGGGCCGCTGTCGCAAGGTTTTCTCTCCAGAACCACAGTGGGAAAGCGGTCTTGCCAGGCGTTGTC
CATTGTCAGTGTGCTCGTGGGCTGGTACTGGGCTTGGGATCCAGGCCACGCCAGCCAGGCTGTG
GGCAGGGCGGGCCAGGGACGCCAAAGAGAGGTTGCAGTCAGAACCGTGGACGGGTTGGGTTGAGGCCT
CTCTGCCACCCGCTTCTCTGGTCAGCAGAAGTGCATCTCGGCTTGGGTTGGGGTGGTCCGCATCCCT
GCTTGCCACTATGCGCACCAAGGTTTTCCCCACATCCTTCCAGCACCCCTTAGGAAGGCCAGGCAGGGC
CTGGAAGCAGCGGACCTGGGCTGTTCTGTGTTGAAGGAGTGTGCCAGTGCCTTGGGCAGGACCTGTG
AGAGCCACCTCACAGGCAGAGCCCCACCAGGCAGGGCAAGGAGACTCCGCTCACTCCCCACGGCCAGC
GTGGGCACAGGACTGACCCTTCTCAGAGATAATGACATTTTATCTTCTCTTTTGTGAAAAGTGTCA
CTTTAGCATGTAATCCATTACAGAATCCCATGCAGTGATTCCAGGATTTGAAATTGTATGATGTGTTAC
ATAAGAATTTATTTGCTATCGACATTCCTGATAAAGAGAGAGACATATCACGCTGCTGCATGATTTT
GTGTCAAGATGATCCAATAAAGTTGTAACACAGGCATTTCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_003938.8
Summary:	The protein encoded by this gene is a subunit of the AP3 adaptor-like complex, which is not clathrin-associated, but is associated with the golgi region, as well as more peripheral structures. The AP-3 complex facilitates the budding of vesicles from the golgi membrane, and may be directly involved in trafficking to lysosomes. This subunit is implicated in intracellular biogenesis and trafficking of pigment granules, and possibly platelet dense granules and neurotransmitter vesicles. Defects in this gene are a cause of a new type of Hermansky-Pudlak syndrome. [provided by RefSeq, Feb 2017]
Locus ID:	8943
MW:	44.1