

Product datasheet for **SC207933**

HPS2 (AP3B1) (NM_003664) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HPS2 (AP3B1) (NM_003664) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: AP3B1
Synonyms: ADTB3; ADTB3A; HPS; HPS2; PE
ACCN: NM_003664
Insert Size: 606 bp
Insert Sequence: >SC207933 3'UTR clone of NM_003664
The sequence shown below is from the reference sequence of NM_003664. 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
GAAGTGAAGCCTGCTCCTGTCTCAGGGGTAACTGCTTACATCTGGACTTTAGAATCTGGCACACAACAA
AAGTGCCTGGCATCCACTACTGCTGCTTTTATTATAAATAGCCCTCCATCTGGCAGTGGGGGTA
GAATACACTCTTGACATTCTGTCTCCTGCTTTAGAATGCTAGTGTATCTATCATGTATGCAATACT
TTCCCCCTTTTTGCTTTGCTAACCAGAGCATATATTTACTGTGAGTTGTCTCAACTCTGAATCCA
TGTGGCGTTTTCTGTCTGCTGCTTTTGGCCTCCTCGTTTTCTTCTTTTTCGACAATGGTA
GACATGAATGAGATATTTAAAGTTCATTGGAAATCTTCTCCCTACAGCAGTAAGCAAAAATTAGCAAA
GAGATAGTCTAAATGGCCTCTCAGCTTGGTATGTGAAAATGAGATCACATACTTTTTAAATCCAAATAC
AAAAGCATAGTCTCTGCAAGATTTGTTCTTTGAATTTCTTGATATTGAATTGATTATTGATAACTGT
CATCATGAAATTATCTCTCAATAATAAGATAAAATAAACTAGCATATGAATCATA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online »](#)

RefSeq: [NM_003664.5](#)

Summary: This gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. The encoded protein is part of the heterotetrameric AP-3 protein complex which interacts with the scaffolding protein clathrin. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 2. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2012]

Locus ID: 8546

MW: 22.9