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Product datasheet for MC200521

Ap1b1 (NM_007454) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap1b1 (NM_007454) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ap1b1
Synonyms:	Adtb1; b2b1660Clo
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC008513 sequence for NM_007454

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GCGAGCCGAGCCGCGGCACCCGGAGCCGTTTGGATTTGTGGAGTCTGGCCACAGATAAAGGACCAAAATG
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GCCGGGGAGTGGTACATAAGAGCCTGCCACCCCGCACTGCCTCGAGTGAGAGCACAGAGAGCCCTGAGAC
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ATCCTGTCACTGCTGTTTGATAATAAAGAGATTCTGCTTTCGGCAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_007454

Insert Size: 2832 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: BC008513, AAH08513

RefSeq Size: 3724 bp

RefSeq ORF:	2832 bp
Locus ID:	11764
UniProt ID:	O35643
Cytogenetics:	11 A1
Gene Summary:	Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and lacks two alternate in-frame exons in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.