

## Recombinant Mouse Ap1b1 Protein, MYC/DDK-tagged

Cat. No. Ap1b1-618M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse adaptor protein complex AP-1, beta 1 subunit (Ap1b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	103.9 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Ap1b1 adaptor protein complex AP-1, beta 1 subunit [ *Mus musculus* (house mouse) ]

**Official Symbol** Ap1b1

**Synonyms** Ap1b1; adaptor protein complex AP-1, beta 1 subunit; Adbt1; b2b1660Clo; AP-1 complex subunit beta-1; adaptor protein complex AP-1 subunit beta-1; adaptor-related protein complex AP-1, beta 1 subunit; beta-adaptin 1; beta-prime adaptin; clathrin assembly protein complex 1 beta large chain; golgi adaptor HA1/AP1 adaptin beta subunit

**Gene ID** 11764

**mRNA Refseq** NM\_007454

**Protein Refseq** NP\_031480

**UniProt ID** O35643

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