

## Recombinant Human AP2B1 Protein, His-tagged

**Cat. No.** AP2B1-186H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AP2B1 Protein (Thr2-Phe266) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr2-Phe266
<b>Description</b>	The protein encoded by this gene is one of two large chain components of the assembly protein complex 2, which serves to link clathrin to receptors in coated vesicles. The encoded protein is found on the cytoplasmic face of coated vesicles in the plasma membrane. Two transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 33.5 kDa Accurate Molecular Mass: 31 kDa
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

AP2B1 adaptor-related protein complex 2, beta 1 subunit [ Homo sapiens (human) ]

**Official Symbol**

AP2B1

**Synonyms**

AP2B1; adaptor-related protein complex 2, beta 1 subunit; ADTB2, CLAPB1; AP-2 complex subunit beta; beta-adaptin; beta-2-adaptin; adaptin, beta 2 (beta); adaptor protein complex AP-2 subunit beta; adapter-related protein complex 2 beta subunit; clathrin assembly protein complex 2 beta large chain; plasma membrane adaptor HA2/AP2 adaptin beta subunit; clathrin-associated/assembly/adaptor protein, large, beta 1; ADTB2; AP105B; CLAPB1; AP2-BETA; DKFZp781K0743

**Gene ID**

163

**mRNA Refseq**

NM\_001030006

**Protein Refseq**

NP\_001025177

**MIM**

601025

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UniProt ID

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