

Recombinant Human AP2B1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AP2B1 Protein (Thr2-Phe266) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr2-Phe266
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.5 kDa Accurate Molecular Mass: 31 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

P63010

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