

Recombinant Human AP2B1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AP2B1-6159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AP2B1 MS Standard C13 and N15-labeled recombinant protein (NP_001273) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	104.4 kDa
AA Sequence	MTDSKYFTTNKKGEIFELKAELNNEKKEKRKEAVKKVIAAMTVGKDVSSLFPDVVNC MQTDNLELKKLVYLYLMNYAKSQPDMAIMAVNSFVKDCEDPNPLIRALAVRTMGCIR VDKITEYLCEPLRKCLKDEDPYVRKTAAVCVAKLHDINAQMVEDQGFLDSLRLDIADS NPMVVANAVAALSEISESHPNNSLLDLNPQNINKLLTALNECTEWGQIFILDCLSNYN PKDDREAQSICERVTPRLSHANSVVLSAVKVLKMFLELLPKDSDYNNMLLKKLAPP LVTLLSGEPEVQYVALRNINLIVQKRPEILKQEIKVFFVKYNDPIYVKLEKLDIMIRLASQ ANIAQVLAELKEYATEVDVDFVRKAVRAIGRAIKVEQSAERCVSTLLDLIQTKVNYV VQEAIVVIRDIFRKYPNKYESIATLCENLDSLDEPDARAAMIWIVGEYAERIDNADELL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ESFLEGFHDESTQVQLTLLTAIVKFLKKPSETQELVQQVLSLATQDSDNPDLRDRG
 YIYWRLSTDPVTAKEVVLSEKPLISEETDLIEPTLLDELICHIGSLASVYHKPPNAFVE
 GSHGIHRKHLPIHHGSTDAGDSPVGTATNLEQPQVIPSQGDLLGDLLNLDLGPPV
 NVPQVSSMQMGAVDLLGGGLDSL VGQSFIPSSVPATFAPSPTPAVVSSGLNDLFEL
 STGIGMAPGGYVAPKAVWLPAVKAKGLEISGTFTHRQGHYMEMNFTNKALQHMTD
 FAIQFNKNSFGVIPSTPLAIHTPLMPNQSIDVSLPLNTLGPVMKMEPLNNLQVAVKNNI
 DVFYFSCLIPLNVLFVEDGKMERQVFLATWKDIPNENELQFQIKECHLNADTVSSKLQ
 NNNVYTIAKRNVEGQDMLYQSLKLTNGIWILAELRIQPGNPNYTSLKCRAPESQYI
 YQVYDSILKNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	AP2B1 adaptor related protein complex 2 subunit beta 1 [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

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HA2/AP2 adaptin beta subunit; clathrin-associated/assembly/adaptor protein, large, beta 1; ADTB2; AP105B; CLAPB1; AP2-BETA; DKFZp781K0743;

Gene ID 163

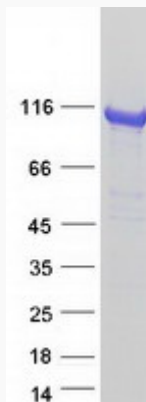
mRNA Refseq NM_001282

Protein Refseq NP_001273

MIM 601025

UniProt ID P63010

SDS-PAGE



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