

Recombinant Human AP2B1 protein, GST-tagged

Cat. No. AP2B1-652H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP2B1 full-length ORF (AAH06201, 1 a.a. - 951 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	130.35 kDa
AA Sequence	<p>MTDSKYFTTNKKGEIFELKAEPNNEKKEKRKEAVKKVIAAMTVGKDVSSLFPDVVNC MQTDNLELKKLVYLYLMNYAKSQPDMAIMAVNSFVKDCEDPNPLIRALAVRTMGCIR VDKITEYLCEPLRKCLKDEDPYVRKTAAVCVAKLHDINAQMVEDQGFLDSLRLDIADS NPMVVANAVAALSEISESHPNNSLLDLNPQNINKLLTALNECTEWGQIFILDCLSNYN PKDDREAQSICERVTPRLSHANSVVLSAVKVLKFLLELLPKDSYYNMLLKKLAPP LVTLLSGEPEVQYVALRNINLIVQKRPEILKQEIKVFFVKYNDPIYVKLEKLDIMIRLASQ ANIAQVLAELKEYATEVDVDFVRKAVRAIGRCAIKVEQSAERCVSTLLDLIQTKVNYV VQEAIVVIRDIFRKYPNKYESIIATLCENLDSLDEPDARAAMIWIVGEYAERIDNADELL ESFLEGFHDESTQVQLTLLTAIVKFLKPKSETQELVQQVLSLATQDSDNPDLRDRG</p>

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YIYWROLLSTDPVTAKEVVLSEKPLISEETDLIEPTLLDELICHIGSLASVYHKPPNAFVE
 GSHGIHRKHLPIHHGSTDAGDSPVGTATNLEQPQVIPSQGDLLGDLLNLDLGPV
 NVPQVSSMQMGAVDLLGGGLDSSLGSDLGGGIGGSPAVGQSFIPSSVPATFAPSPT
 PAVVSSGLNDFELSTGIGMAPGGYVAPKAVWLPVAVKAKGLEISGTFTHRQGHYME
 MNFTNKALQHMTDFAIQFNKNSFGVIPSTPLAIHTPLMPNQSIDVSLPLNTLGPVMMK
 EPLNNLQVAVKNNIDVFYFSCLIPLNVLFVEDGKMERQVFLATWKDIPNENELQFQIK
 ECHLNADTVSSKLQNNNVYTIAKRNVEGQDMLYQSLKLTNGIWILAELRIQPGNPNY
 TLSLKCRAPEVSQYIYQVYDSILKN

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

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

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;

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Gene ID	163
mRNA Refseq	NM_001030006
Protein Refseq	NP_001025177
MIM	601025
UniProt ID	P63010
12.5% SDS-PAGE Stained with Coomassie Blue.	

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