

Recombinant Full Length Human AP2B1 Protein, GST-tagged

Cat. No. AP2B1-1014HF **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	In Vitro Cell Free System
ProteinLength	951 amino acids
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	MTDSKYFTTN KKGEIFELKA EPNNEKKEKR KEAVKKVIAA MTVGKDVSSL FPDVVNCMQT DNLELKKLVY LYLMNYAKSQ PDMAIMAVNS FVKDCEDPNP LIRALAVRTM GCIRVDKITE YLCEPLRKCL KDEDPYVRKT AAVCVAKLHD INAQMVEDQG FLDCLRDLIA DSNPMVVANA VAALSEISES HPNSNLLDLN PQNINKLLTA LNECTEWGQI FILDCLSNYN PKDDREAQSI CERVTPRLSH ANSAVLSAV KVLMMKFLELL PKDSDYYNML LKKLAPPLVT LLSGEPEVQY VALRNINLIV QKRPEILKQE IKVFFVKYND PIYVKLEKLD IMIRLASQAN IAQVLAELKE YATEVDVDFV RKAVRAIGRC AIKVEQSAER CVSTLLDLIQ

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TKVNYVVQEA IVVIRDIFRK YPNKYESI A TLCENLDSLD EPDARAAMIW
 IVGEYAERID NADELLESFL EGFHDESTQV QLTLTAIVK LFLKKPSETQ
 ELVQQVLSLA TQDSNDPDLR DRGYIYWRL STDPVTAKEV VLSEKPLISE
 ETDLIEPTLL DELICHIGSL ASVYHKPPNA FVEGSHGIHR KHLPIHHGST
 DAGDSPVGTT TATNLEQPQV IPSQGDLLGD LLNLDLGPPV NVPQVSSMQM
 GAVDLLGGGL DSLLGSDLGG GIGGSPAVGQ SFIPSSVPAT FAPSPTPAVV
 SSSLNDFEL STGIGMAPGG YVAPKAVWLP AVKAKGLEIS GTFTHRQGHI
 YMEMNFTNKA LQHMTDFAIQ FNKNSFGVIP STPLAIHTPL MPNQSIDVSL
 PLNTLGPVMK MEPLNNLQVA VKNNIDVFYF SCLIPNLVLF VEDGKMERQV
 FLATWKDIPN ENELQFQIKE CHLNADTVSS KLQNNNVYTI AKRNVEGQDM
 LYQSLKLTNG IWILAELRIQ PGNPNYTSL KCRAPEVSQY IYQVYDSILK N

Applications

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

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;

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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

UniProt ID

P63010

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