

Recombinant Full Length Human AP2B1 Protein, C-Flag-tagged

Cat. No. AP2B1-476HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human AP2B1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	105.5 kDa
AA Sequence	MTDSKYFTTNKKGEIFELKAELNNEKKEKRKEAVKKVIAAMTVGKDVSSLFPDVVNC MQTDNLELKKLVY LYLMNYAKSQPDMAIMAVNSFVKDCEDPNPLIRALAVRTMGCI RVDKITEYLCEPLRKCLKDEDPYVRKT AAVCVAKLHDINAQMVEDQGFLDSLRLDIA DSNPMVVANAVAALSEISESHPNNSLLDLNPQNINKLLTA LNECTEWGQIFILDCLSN YNPKDDREAQSICERVTPRLSHANSVVL SAVKVL MKFLELLPKDSDYNNML LKKLA PPLVTLLSGEPEVQYVALRNINLIVQKRPEILKQEIKVFFVKYNDPIYVKLEKLDIMIRLA SQAN IAQVLAELKEYATEVDVDFVRKAVRAIGRCAIKVEQSAERCVSTLLDLIQTKVN

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YVVQEAIIVIRDIFRK YPNKYESIATLCENLDSLDEPDARAAMIWIVGEYAERIDNAD
 ELLESFLEGFHDESTQVQLTLLTAIVK LFLKKPSETQELVQQVLSLATQDSDNPDLRD
 RGYIYWRLSTDPVTAKEVVLSEKPLISEETDLIEPTLL DELICHIGSLASVYHKPPNA
 FVEGSHGIHRKHLPIHHGSTDAGDSPVGTTTATNLEQPQVIPSQGDLLGD LLNLDLG
 PPVNPQVSSMQMGAVDLLGGGLDSSLGSDLGGGIGGSPAVGQSFIPSSVPATFAP
 SPTPAVV SSSLNDFELSTGIGMAPGGYVAPKAVWLPVAVKAKGLEISGTFTHRQGHI
 YMEMNFTNKALQHMTDFAIQ FNKNSFGVIPSTPLAIHTPLMPNQSIDVSLPLNTLGPV
 MKMEPLNNLQVAVKNNIDVFYFSCLIPLNVLF VEDGKMERQVFLATWKDIPNENELQ
 FQIKECHLNADTVSSKLQNNNVYTIAKRNVEGQDMLYQSLKLTNG
 IWILAELRIQPGNPNYTLCLKCRAPEVSQYIYQVYDSILKNTRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Endocytosis, Huntington's disease
Full Length	Full L.

GENE INFORMATION

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

Official Symbol [AP2B1](#)

Synonyms ADTB2; AP105B; CLAPB1; AP2-BETA

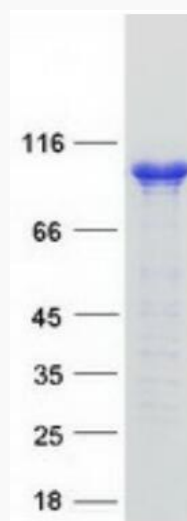
Gene ID [163](#)

mRNA Refseq [NM_001030006.2](#)

Protein Refseq [NP_001025177.1](#)

MIM [601025](#)

UniProt ID [P63010](#)



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Coomassie blue staining of purified AP2B1 protein.

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