

Recombinant Human AP2A1 protein, GST-tagged

Cat. No. AP2A1-651H **Lot. No.** (See product label)

SPECIFICATION

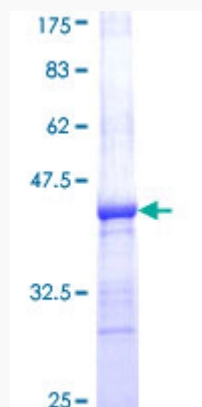
Product Overview	Human AP2A1 partial ORF (NP_055018, 824 a.a. - 923 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes the alpha 1 adaptin subunit of the adaptor protein 2 (AP-2) complex found in clathrin coated vesicles. The AP-2 complex is a heterotetramer consisting of two large adaptins (alpha or beta), a medium adaptin (mu), and a small adaptin (sigma). The complex is part of the protein coat on the cytoplasmic face of coated vesicles which links clathrin to receptors in vesicles. Alternative splicing of this gene results in two transcript variants encoding two different isoforms. A third transcript variant has been described, but its full length nature has not been determined. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	QVLNIECLRDFLTPLL SVRFYGGAPQAL TLKLPVTINKFFQPTEMAAQDFFQRWK QLSLPQQEAQKIFKANHPMDAEVT KAKLLGFGSALLDNVDPNP
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.

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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	AP2A1 adaptor-related protein complex 2, alpha 1 subunit [Homo sapiens]
Official Symbol	AP2A1
Synonyms	AP2A1; adaptor-related protein complex 2, alpha 1 subunit; ADTAA, CLAPA1; AP-2 complex subunit alpha-1; alpha1-adaptin; alpha-adaptin A; adaptin, alpha A; 100 kDa coated vesicle protein A; adaptor protein complex AP-2 subunit alpha-1; adapter-related protein complex 2 alpha-1 subunit; clathrin assembly protein complex 2 alpha-A large chain; plasma membrane adaptor HA2/AP2 adaptin alpha A subunit; clathrin-associated/assembly/adaptor protein, large, alpha 1; ADTAA; CLAPA1; AP2-ALPHA;
Gene ID	160
mRNA Refseq	NM_014203
Protein Refseq	NP_055018
MIM	601026
UniProt ID	O95782



12.5% SDS-PAGE Stained with Coomassie Blue.

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