

Recombinant Human AP4E1 protein, GST-tagged

Cat. No. AP4E1-662H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP4E1 partial ORF (NP_031373, 1038 a.a. - 1137 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the adaptor complexes large subunit protein family. These proteins are components of the heterotetrameric adaptor protein complexes, which play important roles in the secretory and endocytic pathways by mediating vesicle formation and sorting of integral membrane proteins. The encoded protein is a large subunit of adaptor protein complex-4, which is associated with both clathrin- and nonclathrin-coated vesicles. Disruption of this gene may be associated with cerebral palsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
Molecular Mass	36.74 kDa
AA Sequence	SDDFGKLWLSFANDVKQNVKMSQSQAALPSALKTLQQKLRHLHIEIIGNEGLLACQLL PSIPCLLHCRVHADVLALWFRSSCSTLPDYLLYQCQKVMES
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.

 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

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 [AP4E1 adaptor related protein complex 4 epsilon 1 subunit \[Homo sapiens \(human\) \]](#)

Official Symbol [AP4E1](#)

Synonyms AP4E1; adaptor related protein complex 4 epsilon 1 subunit; CPSQ4; SPG51; STUT1; AP-4 complex subunit epsilon-1; AP-4 adaptor complex subunit epsilon; adaptor-related protein complex 4 subunit epsilon-1; adaptor-related protein complex AP-4 epsilon; epsilon-adaptin

Gene ID [23431](#)

mRNA Refseq [NM_001252127](#)

Protein Refseq [NP_001239056](#)

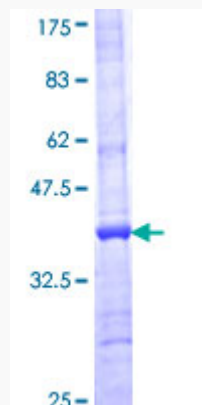
MIM [607244](#)

UniProt ID [Q9UPM8](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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