

Recombinant Human AAK1 Protein, GST-tagged

Cat. No. AAK1-018H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AAK1 partial ORF (AAH02695, 315 a.a. - 415 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Adaptor-related protein complex 2 (AP-2 complexes) functions during receptor-mediated endocytosis to trigger clathrin assembly, interact with membrane-bound receptors, and recruit encodytic accessory factors. This gene encodes a member of the SNF1 subfamily of Ser/Thr protein kinases. The protein interacts with and phosphorylates a subunit of the AP-2 complex, which promotes binding of AP-2 to sorting signals found in membrane-bound receptors and subsequent receptor endocytosis. Its kinase activity is stimulated by clathrin. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	LKKECIPNVQNSPIPAKLPEPVKASEAAAKKTQPKARLTDPIPTTETSIAPRQRPKAG QTQPNPGILPIQPALTPRKRATVQPPPQAAGSSNQPGLLASV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

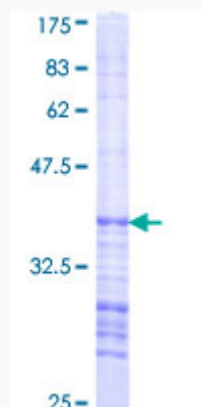
GENE INFORMATION

Gene Name	AAK1 AP2 associated kinase 1 [Homo sapiens]
Official Symbol	AAK1
Synonyms	AAK1; AP2 associated kinase 1; AP2-associated protein kinase 1; DKFZp686K16132; KIAA1048; adaptor-associated kinase 1; FLJ23712; FLJ25931; FLJ31060; FLJ42882; FLJ45252; MGC138170; MGC164568; MGC164570; DKFZp686F03202;
Gene ID	22848
mRNA Refseq	NM_014911
Protein Refseq	NP_055726
UniProt ID	Q2M2I8

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12.5% SDS-PAGE Stained with Coomassie Blue.

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