

## Recombinant Mouse Gak Protein, Myc/DDK-tagged

Cat. No. Gak-3133M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length cyclin G associated kinase (Gak), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Associates with cyclin G and CDK5. Seems to act as an auxilin homolog that is involved in the uncoating of clathrin-coated vesicles by Hsc70 in non-neuronal cells. Expression oscillates slightly during the cell cycle, peaking at G1.
<b>Molecular Mass</b>	144.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Gak cyclin G associated kinase [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Gak
<b>Synonyms</b>	GAK; cyclin G associated kinase; cyclin-G-associated kinase; cyclin G-associated kinase; D130045N16Rik; MGC31204
<b>Gene ID</b>	231580
<b>mRNA Refseq</b>	NM_153569
<b>Protein Refseq</b>	NP_705797
<b>UniProt ID</b>	Q99KY4

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