

## Recombinant Mouse Gkap1 Protein, Myc/DDK-tagged

Cat. No. Gkap1-3221M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length G kinase anchoring protein 1 (Gkap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Regulates insulin-dependent IRS1 tyrosine phosphorylation in adipocytes by modulating the availability of IRS1 to IR tyrosine kinase. Its association with IRS1 is required for insulin-induced translocation of SLC2A4 to the cell membrane. Involved in TNF-induced impairment of insulin-dependent IRS1 tyrosine phosphorylation.
<b>Molecular Mass</b>	42.2 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**GENE INFORMATION**

<b>Gene Name</b>	Gkap1 G kinase anchoring protein 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Gkap1
<b>Synonyms</b>	GKAP1; G kinase anchoring protein 1; G kinase-anchoring protein 1; cGMP-dependent protein kinase anchoring protein; 42 kD cGMP-dependent protein kinase anchoring protein; cGMP-dependent protein kinase-anchoring protein of 42 kDa; 42kDa; Gkap42; D13ErtD340e; 4933400B15Rik
<b>Gene ID</b>	56278
<b>mRNA Refseq</b>	NM_019832
<b>Protein Refseq</b>	NP_062806
<b>UniProt ID</b>	Q9JMB0

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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