

## GK 抗原（重组蛋白）

中文名称： GK 抗原（重组蛋白）

英文名称： GK Antigen (Recombinant Protein)

别名： GK1; GKD

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 120-380 amino acids of human GK

技术规格：

<b>Full name:</b>	glycerol kinase
<b>Synonyms:</b>	GK1; GKD
<b>Swissprot:</b>	P32189
<b>Gene Accession:</b>	BC042421
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	The protein encoded by this gene belongs to the FGGY kinase family. This protein is a key enzyme in the regulation of glycerol uptake and metabolism. It catalyzes the phosphorylation of glycerol by ATP, yielding ADP and glycerol-3-phosphate. Mutations in this gene are associated with glycerol kinase deficiency (GKD). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.