

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：

Full name:	glycerol kinase
Synonyms:	GK1; GKD
Swissprot:	P32189
Gene Accession:	BC042421
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.