

PYGL 抗原（重组蛋白）

中文名称： PYGL 抗原（重组蛋白）

英文名称： PYGL Antigen (Recombinant Protein)

别名： phosphorylase, glycogen, liver; GSD6

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 240 amino acids of human PYGL

技术规格

Full name:	phosphorylase, glycogen, liver
Synonyms:	GSD6
Swissprot:	P06737
Gene Accession:	BC082229
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a homodimeric protein that catalyses the cleavage of alpha-1,4-glucosidic bonds to release glucose-1-phosphate from liver glycogen stores. This protein switches from inactive phosphorylase B to active phosphorylase A by phosphorylation of serine residue 15. Activity of this enzyme is further regulated by multiple allosteric effectors and hormonal controls. Humans have three glycogen phosphorylase genes that encode distinct isozymes that are primarily expressed in liver, brain and muscle, respectively.