

Recombinant Human PYGB, GST-tagged

Cat. No. PYGB-2087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PYGB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PYGB phosphorylase, glycogen; brain [Homo sapiens]
Official Symbol	PYGB
Synonyms	PYGB; phosphorylase, glycogen; brain; glycogen phosphorylase, brain form; glycogen phosphorylase B; GPBB; MGC9213;
Gene ID	5834

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

mRNA Refseq	NM_002862
Protein Refseq	NP_002853
MIM	138550
UniProt ID	P11216
Chromosome Location	20
Pathway	Glucose metabolism, organism-specific biosystem; Glycogen Metabolism, organism-specific biosystem; Glycogen breakdown (glycogenolysis), organism-specific biosystem; Insulin signaling pathway, organism-specific biosystem; Insulin signaling pathway, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem;
Function	drug binding; glycogen phosphorylase activity; protein homodimerization activity; pyridoxal phosphate binding; sugar binding; transferase activity, transferring glycosyl groups;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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