

Recombinant Rat Pygl protein, His-tagged

Cat. No. Pygl-7825R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pygl aa. (Thr603~Phe750 (Accession # P09811)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr603~Phe750
Form	Freeze-dried powder
Molecular Mass	17 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.1.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 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

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Pygl glycogen phosphorylase L [Rattus norvegicus (Norway rat)]
Official Symbol	Pygl
Synonyms	Pygl; glycogen phosphorylase L; catalyzes the rate-limiting step of glycogen catabolism; glycogen phosphorylase, liver form; liver glycogen phosphorylase; phosphorylase, glycogen, liver
Gene ID	64035
mRNA Refseq	NM_022268.1
Protein Refseq	NP_071604.1
UniProt ID	P09811

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