

Recombinant Rat Pgc protein, His-tagged

Cat. No. Pgc-2538R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pgc protein(NP_579818.1)(Met1-Val392), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Val392
Form	Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat PGC comprises 387 amino acids and predicts a molecular mass of 42.5 kDa. The apparent molecular mass of the ratPGC is approximately 43 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Pgc progastricsin \(pepsinogen C\) \[Rattus norvegicus \]](#)

Official Symbol [Pgc](#)

Synonyms PGC; progastricsin (pepsinogen C); gastricsin; Urinary pepsinogen 1; PG1; Pg-1; Upg1;

Gene ID [24864](#)

mRNA Refseq [NM_133284](#)

Protein Refseq [NP_579818](#)

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