

Recombinant Human PGC protein, GST-tagged

Cat. No. PGC-1164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGC protein(1-90 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-90 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MKWMVVVLVCLQLLEAAVVKVPLKKFKSIRETMKEKGLLGEFLRTHKYDPAWKYRF GDLSVTYEPMA YM DAAYFGEISIGTPPQNFLVLF
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

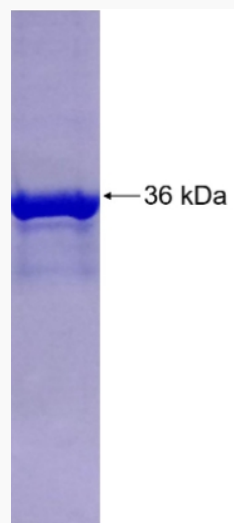
Gene Name	PGC progastricsin (pepsinogen C) [Homo sapiens]
Official Symbol	PGC
Synonyms	PGC; progastricsin (pepsinogen C); gastricsin; pepsin C; pepsinogen C; preprogastricsin; pepsinogen group II; PEPC; PGII; FLJ99563;
mRNA Refseq	NM_001166424
Protein Refseq	NP_001159896
MIM	169740
UniProt ID	P20142
Gene ID	5225

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SDS-PAGE



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