

## Recombinant Human PGC protein, His-tagged

**Cat. No.** PGC-023H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Human PGC protein(P20142)(379aa), fused with His Tag, was expressed in E. coli.

**Species**                      Human

**Source**                        E.coli

**ProteinLength**              379 aa

**Molecular Mass**            41.5kDa

**AA Sequence**

MAVVKVPLKK FKSIRETMKE KGLLGEFLRT HKYDPAWKYR FGDLSVTYEP  
MAYMDAAYFG  
EISIGTPPQN FLVLFDTGSS NLWVPSVYCQ SQACTIONSRF NPSESSTYST  
NGQTFSLQYG  
SGSLTGFFGY DTLTVQSIQV PNQEFGLSEN EPGTNFVYAQ FDGIMGLAYP  
ALSVDEATTA  
MQGMVQEGAL TSPVFSVYLS NQQGSSGGAV VFGGVDSSLY TGQIYWAPVT  
QELYWQIGIE  
EFLIGGQASG WCSEGCQAIV DTGTSLLTVP QQYMSALLQA TGAQEDEYGG  
FLVNCNSIQN  
LPSLTFIING VEFPLPPSSY ILSNNGYCTV GVEPTYLSSQ NGQPLWILGD  
VFLRSYYSVY  
DLGNNRVGFA TAAHHHHHH

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<b>Endotoxin</b>	< 1EU/μg
<b>Purity</b>	>95%(SDS-PAGE & RP-HPLC)
<b>Storage</b>	<p>If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C. For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C.</p> <p>Avoid multiple freeze-thaws.</p>
<b>Reconstitution</b>	<p>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.</p>

## GENE INFORMATION

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

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