

## Recombinant Human PGC protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PGC protein(P20142)(379aa), fused with His Tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 379 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 41.5kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MAVVKVPLKK FKSIRETMKE KGLLGEFLRT HKYDPAWKYR FGDLSVTYEP<br>MAYMDAAYFG<br>EISIGTPPQN FLVLFDTGSS NLWVPSVYCQ SQACTSHSRF NPSESSTYST<br>NGQTFSLQYG<br>SGSLTGFFGY DTLTVQSIQV PNQEFGLSEN EPGTNFVYQAQ FDGIMGLAYP<br>ALSVDEATTA<br>MQGMVQEGAL TSPVFSVYLS NQQGSSGGAV VFGGVDSSLY TGQIYWAPVT<br>QELYWQIGIE<br>EFLIGGQASG WCSEGCQAIV DTGTSLLTVP QQYMSALLQA TGAQEDEYGQ<br>FLVNCNSIQN<br>LPSLTFIING VEFPLPPSSY ILSNNGYCTV GVEPTYLSSQ NGQPLWILGD<br>VFLRSYYSVY<br>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.</p> <p>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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