

RPPB2116

Product Information Protein Information

Product SKU:

RPPB2116

Accession:

P20142

Host:

Sf9, Baculovirus cells.

Protein description:

PGC produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 380 amino acids (17-388 a.a.) and having a molecular mass of 41.6kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). PGC is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Progastricsin (Pepsinogen C), Pepsinogen C, EC 3.4.23.3, Pepsinogen Group II, Preprogastricsin, EC 3.4.23, Pepsin C, PGI, PEPC.

Formulation:

PGC protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

AVVKVPLKKF KSIRETMKEK GLLGEFLRTH KYDPAWKYRF GDLSVTYEPM AYMDAAYFGE ISIGTPPQNF
LVLFDTGSSN LWVPSVYCQS QACTSHSRFN PSESSTYSTN GQTFSLQYGS GSLTGFFGYD TLTVQSIQVP
NQEFGLSENE PGTNFVYAQF DGIMGLAYPA LSVDEATTAM QGMVQEGALT SPVFSVYLSN QQGSSGGAV
FGGVDSSLYT GQIYWAPVTQ ELYWQIGIEE FLIGGQASGW CSEGCQAIVD TGTSLLTVPQ QYMSALLQAT
GAQEDEYGQF LVNCNSIQNL PSLTFIINGV EFPLPPSSYI LSNNGYCTVG VEPTYLSSQN GQPLWILGDV
FLRSYYSVYD LGNNRVGFAT AALEHHHHHHH.