

Progastricsin-C Human Recombinant

Item Number	rAP-1425
Synonyms	Progastricsin (Pepsinogen C), Pepsinogen C, EC 3.4.23.3, Pepsinogen Group II, Preprogastricsin, EC 3.4.23, Pepsin C, PGII, PEPC.
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
Uniprot Accesion Number	P20142
Amino Acid Sequence	AVVKVPLKKF KSIRETMKEK GLLGEFLRTH KYDPAWKYRF GDLSVTYEPMLAYMDAAVFGE ISIGTPPQNF LVLFDTGSSN LWVPSVYCQS QACTSHSRFN PSESSTYSTNGQTFSLQYGS GSLTGGFFGYD TLTQVSIQVP NQEFGLSENE PGTNFVYAQF DGIMGLAYPA LSVDEATTAMQGMVQEGALT SPVFSVYLSN QQGSSGGAVV FGGVDSSLYT GQIYWAPVTQ ELYWQIGIEE FLIGGQASGW CSEGCGAIVDTGTSLTVPQ QYMSALLQAT GAQEDEYQQF LVNCNSIQNL PSLTFIINGV EFPLPPSSYI LSNNGYCTVG
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	PGC protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**