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PGC, 17-388aa, Human, His tag, Baculovirus

产品货号: TP03374

第三版

别名:Gastricsin, PGC, PEPC, PGII, Gastricsin, PEPC_HUMAN, pepsin C, Pepsinogen C, pepsinogen group II, PGII, preprogastricsin, Progastricsin.

描述:PGC, also known as gastricsin, is an aspartic proteinase that belongs to the peptidase family A1. It is synthesized in the gastric mucosa as inactive precursors. It contains a prosegment that serves to stabilize the inactive form and prevent entry of the substrate to the active site. Serum levels of PGC are used as a biomarker for certain gastric diseases including Helicobacter pylori related gastritis. Recombinant human PGC, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:41.6kDa (380aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

AVVKVPLKKFKSIRETMKEKGLLGEFLRTHKYDPAWKYRFGDLSVTYEPMAYMDAAYFGEISIGTPPQNFLVLFDTGSSNL
WVPSVYCQSQACTSHSRFNPSESSTYSTNGQTFSLQYGSGLTGFFGYDTLTVQSIQVPNQEFGLSENEPGTNFVYAQFDGI
MGLAYPALSVD EATTAMQGMVQEGALTSPVFSVYLSNQQGSSGGAVVFGGVDSLYTGQIYWAPVTQELYWQIGIEEFLI
GGQASGWCSEGCQAI VDTGTSLLTVPQQYMSALLQATGAQEDEYQGFLVNCNSIQNLPSLTFIINGVEFPLPPSSYILSNNG
YCTVGVEPTYLSSQNGQPLWILGDVFLRSYYSVYDLGNNRVGFATAALEHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.