

Recombinant Pepsinogen C (PGC) Instruction Manual

SIPA602Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	36.6kDa
Accurate Molecular Mass	36kDa(Analysis of differences refer to the manual)
Residues & Tags	Val61~Ala388 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	4.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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VTYEPMAYMD AAYFGEISIG TPPQNFLVLF DTGSSNLWVP  
SVYCQSQACT SHSRFNPSES STYSTNGQTF SLQYGSGSLT GFFGYDTLTV  
QSIQVPNQEF GLSENEPGTN FVYAQFDGIM GLAYPALSVD EATTAMQGMV  
QEGALTSPVF SVYLSNQQGS SGGAVVFGGV DSSLYTGQIY WAPVTQELYW  
QIGIEEFLIG GOASGWCSEG CQAIVDTGTS LLTVPQQYMS ALLQATGAQE  
DEYGQFLVNC NSIQNLPSLT FIINGVEFPL PPSSYILSNN GYCTVGVEPT  
YLSSQNGQPL WILGDVFLRS YYSVYDLGNN RVGFATAA
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

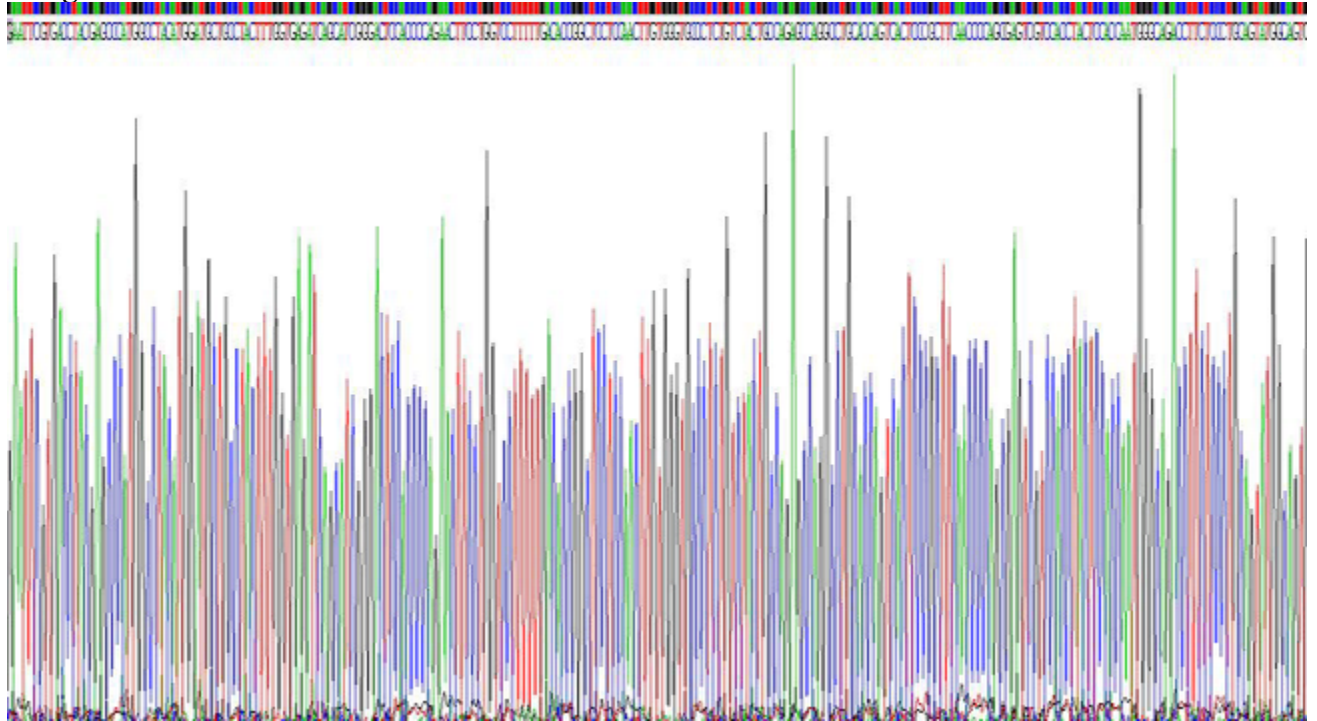


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.