RPJ038Hu01 50μg

Recombinant Gamma-Glutamyl Hydrolase (gGH)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Arg25~Asp318

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin300.

Original Concentration: 200μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.2

Predicted Molecular Mass: 37.3kDa

Accurate Molecular Mass: 37kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: 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.

[SEQUENCE]

RPHGDT AKKPIIGILM QKCRNKVMKN
YGRYYIAASY VKYLESAGAR VVPVRLDLTE KDYEILFKSI NGILFPGGSV
DLRRSDYAKV AKIFYNLSIQ SFDDGDYFPV WGTCLGFEEL SLLISGECLL
TATDTVDVAM PLNFTGGQLH SRMFQNFPTE LLLSLAVEPL TANFHKWSLS
VKNFTMNEKL KKFFNVLTTN TDGKIEFIST MEGYKYPVYG VQWHPEKAPY
EWKNLDGISH APNAVKTAFY LAEFFVNEAR KNNHHFKSES EEEKALIYQF
SPIYTGNISS FQQCYIFD

[IDENTIFICATION]

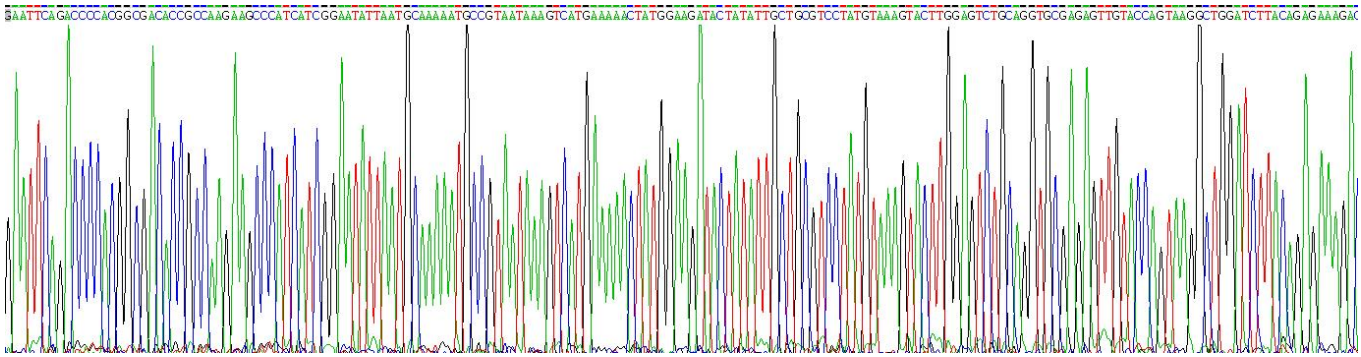
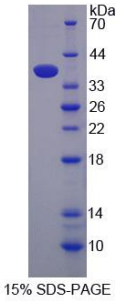


Figure . Gene Sequencing (extract)



15% 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.