

RPB463Ra01 50µg

Recombinant Glycoprotein 39, Cartilage (GP39)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Tyr117~Lys364

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm, Extracellular matrix

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM DTT, 0.01% SKL, 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: 8.7

Predicted Molecular Mass: 31.2kDa

Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C 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]

GLDLAWLYPG PKDKQHFTTL IKELKAEFTK EVQPGTEKLL LSAAVSAGKV YGFD
TLDSGYDVAQ IAQHLDIFINL MTYDFHGTWR HTTGHHSPLF RGQQDTGPDR
FSNVDYGVGY MLRLGAPTNK LVMGIPTFGK SFTLASSENQ VGAPITGSGL
PGRYTKEKGT LAYYEICDFL RGAEVHRILG QQVPFATKGN QWVGYYDDPES
VKNKVKYLKN KQLAGAMVWA VDLDDFRGSF CGHNVHFPLT NAIK

[IDENTIFICATION]

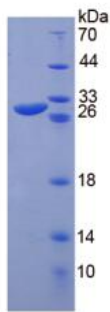


Figure. SDS-PAGE

[IMPORTANT NOTE]

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