

RPB266Mu01 100µg Recombinant Glucagon (GC) Organism Species: Mus musculus (Mouse) Instruction manual

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

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: His21~Lys180Tags: Two N-terminal Tags, His-tag and T7-tagAccession: P55095Host: E. coliSubcellular Location: Secreted.Purity: >95%Endotoxin Level: <1.0EU per 1µg</th>(determined by the LAL method).Formulation: Supplied as Iyophilized form in PBS,pH7.4, containing 5% trehalose, 0.01% sarcosyl.Predicted isoelectric point: 5.3Predicted Molecular Mass: 22.3kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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

[<u>USAGE</u>]

Reconstitute in sterile PBS, pH7.2-pH7.4.

KDa 70 44 33 26 22 18 18 14 10 15% SDS-PAGE

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[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[<u>SEQUENCES</u>]

The sequence of the target protein is listed below.

HALQDTEENP RSFPASQTEA HEDPDEMNED KRHSQGTFTS DYSKYLDSRR AQDFVQWLMN TKRNRNNIAK RHDEFERHAE GTFTSDVSSY LEGQAAKEFI AWLVKGRGRR DFPEEVAIAE ELGRRHADGS FSDEMSTILD NLATRDFINW LIQTKITDKK

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