RPJ269Hu01 100ug

Recombinant UDP-Glucose Glycoprotein Glucosyltransferase 1 (UGGT1)

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: Leu1221~Leu1536

Tags: N-terminal His Tag

Subcellular Location: Endoplasmic reticulum lumen

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

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: 7.8

Predicted Molecular Mass: 41.2kDa

Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH$_2$O to a concentration less than or equal to 0.1mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.
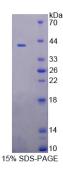
Aliquot and store at -80ºC for 12 months.

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]

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                LSDGTSENES GFWDSFKWGF TGQKTEEVKQ
DKDDIINIFS VASGHLYERF LRIMMLSVLK NTKTPVKFWF LKNYLSPTFK
EFIPYMANEY NFQYELVQYK WPRWLHQQTE KQRIIWGYKI LFLDVLFPLV
VDKFLFVDAD QIVRTDLKEL RDFNLDGAPY GYTPFCDSRR EMDGYRFWKS
GYWASHLAGR KYHISALYVV DLKKFRKIAA GDRLRGQYQG LSQDPNSLSN
LDQDLPNNMI HQVPIKSLPQ EWLWCETWCD DASKKRAKTI DLCNNPMTKE
PKLEAAVRIV PEWQDYDQEI KQLQIRFQKE KETGAL
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[IDENTIFICATION]

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.