

RPB850Hu01 200µg

Recombinant Beta-1,4-Galactosyltransferase 1 (b4GALT1)

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: Arg45~Ser398

Tags: N-terminal His Tag

Subcellular Location: Membrane, Secreted, Golgi apparatus

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 8.4

Predicted Molecular Mass: 43.0kDa

Accurate Molecular Mass: 44kDa 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 2-8°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]

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RDLSRL  
PQLVGVSTPL QGGSNSAAAI QQSSGELRTG GARPPPPLGA SSQPRPGGDS  
SPVVDSGPGP ASNLTSVPVP HTTALS LPAC PEESPLL VGP MLIEFNMPVD  
LELVAKQNPV VKMGGRYAPR DCVSPHKVAI IIPFRNRQEH LKYWLYYLHP  
VLQRQQLDYG IYVINQAGDT IFNRAKLLNV GFQEALKDYD YTCFVFSVD  
LIPMNDHNAY RCFSQPRHIS VAMDKFGFSL PYVQYFGGVS ALSKQQFLTI  
NGFPNNYWGWW GGEDDDIFNR LVFRGMSISR PNAVVGRCRM IRHSRDKKNE  
PNPQRFDRIA HTKETMLSDG LNSLTYQVLD VQRYPLYTQI TVDIGTPS
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[IDENTIFICATION]

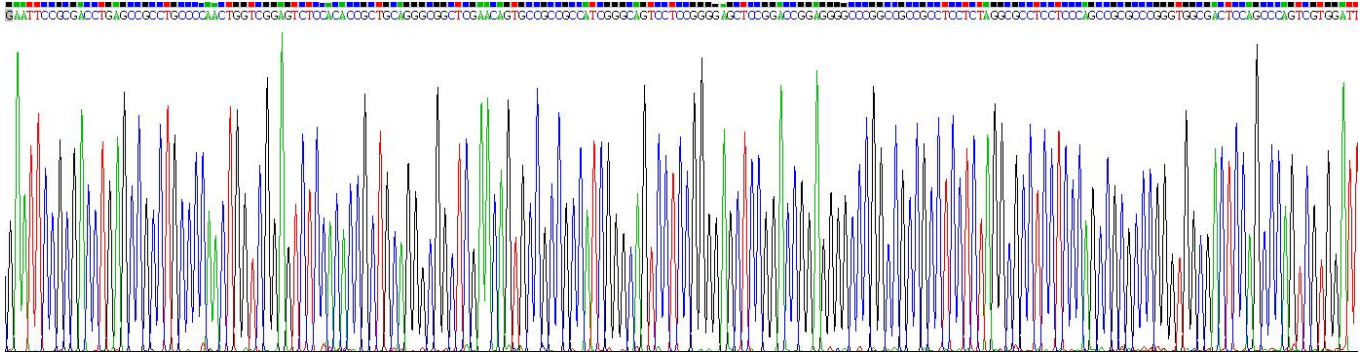


Figure . Gene Sequencing (extract)

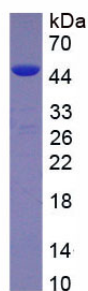


Figure. SDS-PAGE

[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.