

Recombinant Alpha-1,4-Galactosyltransferase (α4GALT) Instruction Manual

SIPC670Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Golgi apparatus
Predicted Molecular Mass	39.1kDa
Accurate Molecular Mass	39kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly44~Leu353 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	8.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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QLYNLP AEIP CPTLT PPTPP SHGPT PGNIF FLETS DRTNP NFLFM CSVES  
AARTH PESHV LVL MKGLPGG NASLP RHLGI SLLSC FPNVQ MLPLD LRELF  
RDTPL ADWYA AVQGR WEPYL LPVLS DASRI ALMWK FGGIY LDTDF IVLKN  
LRNLT NVLGT QSRYV LNGAF LAFER RHEFM ALCMR DFDVH YNGWI WGHQG  
PQLLT RVFKK WCSIR SLAES RACRG VTTLP PEA FYPIPWQ DWK KYFEDIN  
PEELP RLLSA TYAVH VWNKK SQGTR FEATS RALLA QLHAR YCPTT HEAMK  
MYL
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USAGE

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

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

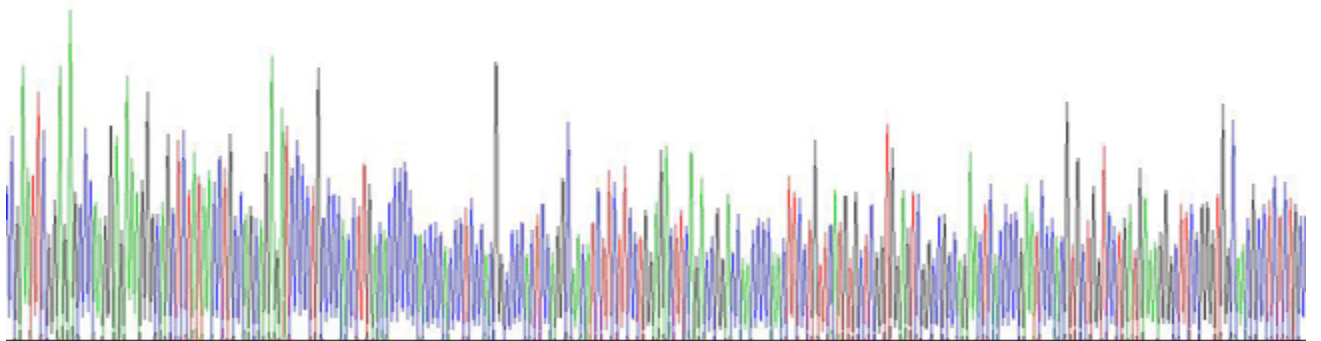


Figure. SDS-PAGE

[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.