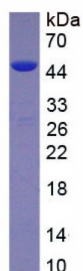
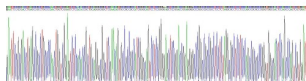


Human Beta-1,4-Galactosyltransferase 1 (B4GALT1) Protein

Catalogue No.: abx652660



SDS-PAGE analysis of recombinant Human B4GALT1 Protein.



Gene sequencing extract of recombinant Human B4GALT1 Protein.

Human Beta-1,4-Galactosyltransferase 1 (b4GALT1) Protein is a Recombinant Human protein expressed in E. coli.

Target: Beta-1,4-Galactosyltransferase 1 (B4GALT1)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 97%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Datasheet

Version: 4.0.0
Revision date: 26 Jun 2025



Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P15291 ([UniProt](#), [ExPASy](#))

Gene Symbol: B4GALT1

GeneID: [2683](#)

OMIM: [137060](#)

HGNC: 924

KEGG: hsa:2683

Ensembl: ENSG00000086062

String: [9606.ENSP00000369055](#)

Molecular Weight: Calculated MW: 43.0 kDa
Observed MW (SDS-PAGE): 44 kDa

Sequence Fragment: Arg45-Ser398

Sequence: RDLSRL PQLVGVSTPL QGGSSNSAAAI GQSSGELRTG GARPPPPLGA SSQPRPGGDS
SPVVDSGPGP ASNLTSPVVP HTTALSLPAC PEESPLLVP MLIEFNMPVD LELVAKQNP
VKMGGRYAPR DCVSPHKVAI IIPFRNRQEH LKYWLYYLHP VLQRQQLDYG IYVINQAGDT
IFNRAKLLNV GFQEALKDYD YTCFVFSDVD LIPMNDHNAY RCFSQPRHIS VAMDKFGFSL
PYVQYFGGVS ALSKQQFLTI NGFPNNYWG WGGEDDDIFNR LVFRGMSISR PNAVVGRCRM
IRHSRDKKNE PNPQRFDRIA HTKETMLSDG LNSLTYQVLD VQRYPLYTQI TVDIGTPS

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.