

Recombinant Full Length Human Beta-1,4-Galactosyltransferase 4(B4Galt4) Protein, His-Tagged

Cat. No. RFL30509HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Beta-1,4-galactosyltransferase 4(B4GALT4) Protein (O60513) (1-344aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-344)
Form	Lyophilized powder
AA Sequence	MGFNLTFFHLSYKFRLLLLLTLCLTVVGWATSNYFVGAIQEIPKAKEFMANFHKTLILGK GKTLTNEASTKKVELDNCPSVSPYLRGQSKLIFKPDLTLEEVAENPKVSRGRYRPQ ECKALQRVAILVPHRNREKHLMYLLEHLHPFLQRQQLDYGIYVIHQAEQKKNRAKLL NVGYLEALKEENWDCFIFHDVDLVPENDFNLYKCEEHPKHLVVGRNSTGYRLRYSG YFGGVTALSREQFFKVNFGFSNNYWGWWGGEDDDLRLRVELQRMKISRPLPEVGKYT MVFHTRDKGNEVNAERMKLLHQVSRVWRTDGLSSCSYKLVSVVEHNPLYINITVDFW FGA
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

B4GALT4

Synonyms

B4GALT4; UNQ552/PRO1109; Beta-1,4-galactosyltransferase 4; Beta-1,4-GalTase 4; Beta4Gal-T4; b4Gal-T4; Beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase; Lactotriaosylceramide beta-1,4-galactosyltransferase; N-acetyllactosamine synthase;

UniProt ID

[O60513](#)

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