

# Recombinant Human B3GNT7 cell lysate

**Cat. No.** B3GNT7-2109HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                     |
| <b>Size</b>           | 100 ul                                                                                                    |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| <b>Applications</b>   | Western Blot;                                                                                             |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | B3GNT7 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7 [ Homo sapiens ]                                                                                                                                                                                      |
| <b>Official Symbol</b> | B3GNT7                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | 3-Gn-T7; 3-N-acetylglucosaminyltransferase 7; B3GN7_HUMAN; B3gnt7; Beta 1 3 N acetylglucosaminyltransferase 7; Beta-1; Beta3Gn T7; Beta3Gn-T7; beta3GnT7; BGnT 7; BGnT-7; UDP GlcNAc betaGal beta 1 3 N acetylglucosaminyltransferase 7; UDP-GlcNAc:betaGal beta-1; B3GNT7 |
| <b>Gene ID</b>         | 93010                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_145236.2                                                                                                                                                                                                                                                                |

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|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Refseq</b>      | NP_660279.1                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>          | Q8NFL0                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Chromosome Location</b> | 2q37.1                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Pathway</b>             | Disease, organism-specific biosystem; Glycosaminoglycan biosynthesis - keratan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - keratan sulfate, conserved biosystem; Glycosaminoglycan metabolism, organism-specific biosystem; Keratan sulfate biosynthesis, organism-specific biosystem; Keratan sulfate/keratin metabolism, organism-specific biosystem; MPS I - Hurler syndrome, organism-specific biosystem |
| <b>Function</b>            | galactosyltransferase activity                                                                                                                                                                                                                                                                                                                                                                                                          |

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