

Recombinant Human B3GNT7, His-tagged

Cat. No. B3GNT7-10108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B3GNT7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	31-164a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	B3GNT7 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7 [Homo sapiens]
Official Symbol	B3GNT7
Synonyms	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;

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	UDP-GlcNAc:betaGal beta-1; B3GNT7
Gene ID	93010
mRNA Refseq	NM_145236.2
Protein Refseq	NP_660279.1
UniProt ID	Q8NFL0
Chromosome Location	2q37.1
Pathway	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
Function	galactosyltransferase activity