

Recombinant Human B3GNT9 293 Cell Lysate

Cat. No. B3GNT9-8541HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9 (B3GNT9) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name B3GNT9?UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9 [?Homo sapiens?(human)]

Official Symbol B3GNT9

Synonyms B3GNT9; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9; BGnT-9; beta3Gn-T9; beta-1,3-Gn-T9; beta-1,3-N-acetylglucosaminyltransferase 9; beta-1,3-galactosyltransferase-related protein

Gene ID 84752

mRNA Refseq NM_033309

Protein Refseq NP_171608

UniProt ID Q6UX72

Chromosome Location 16q22.1

Pathway Metabolism of proteins, organism-specific biosystem; O-linked glycosylation, organism-specific biosystem; O-linked glycosylation of mucins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem

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Function	galactosyltransferase activity
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