

Recombinant Human B3GNT9 293 Cell Lysate

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

SPECIFICATION

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.
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

 Tel: 1-631-559-9269 1-516-512-3133

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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
Function	galactosyltransferase activity

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