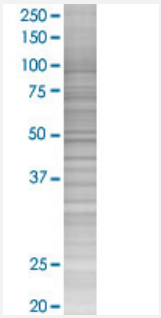
B3GAT3 293T Cell Transient Overexpression Lysate(Denatured)

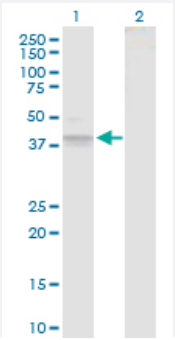
Catalog # H00026229-T03 Size 100 uL

Applications



SDS-PAGE Gel

B3GAT3 transfected lysate.



Western Blot

Lane 1: B3GAT3 transfected lysate (37.10 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-B3GAT3 full-length
Host	Human
Theoretical MW (kDa)	37.1
Interspecies Antigen Sequence	Mouse (95); Rat (95)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-B3GAT3 antibody (H00026229-D01P) by Western Blots. SDS-PAGE Gel B3GAT3 transfected lysate. Western Blot Lane 1: B3GAT3 transfected lysate (37.10 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — B3GAT3

Entrez GeneID	26229
GeneBank Accession#	NM_012200.2
Protein Accession#	NP_036332.2
Gene Name	B3GAT3
Gene Alias	GLCATI, GlcAT-I
Gene Description	beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I)
Omim ID	606374
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the glucuronyltransferase gene family, enzymes that exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product catalyzes the formation of the glycosaminoglycan-protein linkage by way of a glucuronyl transfer reaction in the final step of the biosynthesis of the linkage region of proteoglycans. [provided by RefSeq
Other Designations	Sqv-8-like protein|beta-1,3-glucuronyltransferase 3|galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase|glucuronosyltransferase I

Pathway

- Chondroitin sulfate biosynthesis
- Heparan sulfate biosynthesis
- Metabolic pathways