

**CD57-FC recombinant protein**

<b>Catalog No :</b>	YD3084
<b>Reactivity :</b>	Human;
<b>Purity :</b>	>90% as determined by SDS-PAGE
<b>Gene Name :</b>	B3GAT1
<b>Protein Name :</b>	Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1 (EC 2.4.1.135) (Beta-1,3-glucuronyltransferase 1) (Glucuronosyltransferase P) (GlcAT-P) (UDP-GlcUA:glycoprotein beta-1,3-glucuronylt
<b>Human Gene Id :</b>	27087
<b>Human Swiss Prot No :</b>	Q9P2W7
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Mammalian cells
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Function :</b>	Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on glycoproteins. Can also play a role in glycosaminoglycan biosynthesis. Substrates include asialo-orosomuroid (ASOR), asialo-fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity: stearyl-sphingomyelin was the most effective, followed by palmitoyl-sphingomyelin and lignoceroyl-sphingomyelin. Activity was demonstrated only for sphingomyelin with a saturated fatty acid and not for that with an unsaturated fatty acid, regardless of the length of the acyl group.
<b>Subcellular Location :</b>	[Isoform 1]: Golgi apparatus membrane ; Single-pass type II membrane protein . Secreted .; [Isoform 2]: Golgi apparatus membrane ; Single-pass type II membrane protein . Endoplasmic reticulum membrane . Secreted .
<b>Expression :</b>	Mainly expressed in the brain.

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