

## Product datasheet for **TP726957**

### **B4GAT1 Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human B3GNT1 (C-6His)
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	Asp43-Cys415
<b>Tag:</b>	C-His
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of 20mM Tris HCl,150mM NaCl,Ph7.4.
<b>Note:</b>	Recombinant Human N-Acetylglucosaminide beta-1,3-N-Acetylglucosaminyltransferase is produced by our Mammalian expression system and the target gene encoding Asp43-Cys415 is expressed with a 6His tag at the C-terminus.
<b>Stability:</b>	12 months from date of despatch
<b>Locus ID:</b>	11041
<b>UniProt ID:</b>	<a href="#">O43505</a>
<b>Summary:</b>	N-Acetylglucosaminide $\beta$ -1,3-N-Acetylglucosaminyltransferase (B3GNT1) is a member of the $\beta$ -1,3-N-Acetylglucosaminyltransferase family. B3GNT1 is a single-pass type II membrane protein and widely expressed in many tissues. B3GNT1 can initiate the synthesis or the elongation of the linear poly-N-acetylglucosaminoglycans. B3GNT1 is essential for the synthesis of poly-N-acetylglucosamine, a determinant for the blood group i antigen. It can initiate the synthesis or the elongation of the linear poly-N-acetylglucosaminoglycans.



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