

32-7725: Recombinant Human B3GNT1 (C-6His)(Discontinued)

Gene : B4GAT1

Gene ID : 11041

Uniprot ID : O43505

Description

Source: Human Cells.

MW :43.4kD.

Recombinant Human B3GNT1 is produced by our Mammalian expression system and the target gene encoding Asp43-Cys415 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : DQYFEFFPPSPRSVDQVKAQLRTALASGGVLDASGDYRVYRGLLKTTMDPNDVILATHASVDNLLHLSGLLER
WEGPLSVSVFAATKEEAQLATVLAYALSSHCPDMRARVAMHLVCPSTRYEAAPDPREPGEFALLRSCQEVFDK
LARVAQPGINYALGTNVSYPNNLLRNLAEGANYALVIDVDMVPSEGLWRGLREMLDQSNQWGGTALVVPF
EIRRARRMPMNKNELVQLYQVGEVRPFYYGLCTPCQAPTNYSRWVNLPEESLLRPAYVVPWQDPWEPFYVAG
GKVPTFDERFRQYGFNRISQACELHVAGDFEVLNEGFLVHKGFKEALKFHPQKEAENQHNKILYRQFKQELKA
KYPNSPRRCVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.