

Datasheet for ABIN7560131

B3GALT6 Protein (AA 1-325) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | B3GALT6 |
| Protein Characteristics: | AA 1-325 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This B3GALT6 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat B3galt6 Protein expressed in mammalian cells. |
| Sequence: | <p>MKVFRRAWRH RVALGLGGLA FCGTTLLYLA RCASEGETPS ASGAARPRAK AFLAVLVASA PRAVERRTAV RSTWLAPERR GGPEDVWARF AVGTGGLGSE ERRALELEQA QHGDLLLLPA LRDAYENLTA KVLAMLTWLD ERVDFEFVLK ADDDSFARLD AILVDLRARE PARRRRLYWG FFSGRGRVKP GGRWREAAWQ LCDYYLPYAL GGGYVLSADL VHYLRLSREY LRAWHSEDVS LGTWLAPVDV QREHDPRFDT EYKSRGCNNQ YLVTHKQSPE DMLEKQQMLL HEGRLCKHEV QLRLSYVYDW SAPPSQCCQR KEGVP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p> |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts. |

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
| Grade: | custom-made |

Target Details

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| Target: | B3GALT6 |
| Alternative Name: | B3galt6 (B3GALT6 Products) |
| Background: | Beta-1,3-galactosyltransferase 6 (Beta-1,3-GalTase 6) (Beta3Gal-T6) (Beta3GalT6) (EC 2.4.1.134) (GAG GalTII) (Galactosyltransferase II) (Galactosylxylosylprotein 3-beta-galactosyltransferase) (UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6),FUNCTION: Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. Has a preference for galactose-beta-1,4-xylose that is found in the linker region of glycosaminoglycans, such as heparan sulfate and chondroitin sulfate. Has no activity towards substrates with terminal glucosamine or galactosamine residues. {ECO:0000250 UniProtKB:Q96L58}. |
| Molecular Weight: | 37.0 kDa |
| UniProt: | Q91Z92 |
| Pathways: | Glycosaminoglycan Metabolic Process |

Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies |
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Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months