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Datasheet for ABIN7317364 GLT25D2 Protein (His tag)

Overview

Quantity:	100 µg
Target:	GLT25D2
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLT25D2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human GLT25D2 Protein (His Tag)
Sequence:	Met 1-Ser 622
Characteristics:	A DNA sequence encoding the human GLT25D2 (Q8IYK4) (Met 1-Ser 622) was fused with a polyhistidine tag at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	GLT25D2
Alternative Name:	GLT25D2 (GLT25D2 Products)
Background:	Background: Glycosyl transferase 25 domain 2 (GLT25D2) is a glucosyltransferase enzyme expressed only at low levels in the nervous system. Glycosyltransferases are enzymes that act as a catalyst for the transfer of a monosaccharide unit from an activated nucleotide sugar (also

Target Details

known as the "glycosyl donor") to a glycosyl acceptor molecule, usually an alcohol. Glycosyl transferases transfer glycosyl groups onto their substrate. Localization partially defines their function. Glt25D2 enzyme showed a strong galactosyltransferase activity toward various types of collagen and toward the serum mannose-binding lectin MBL which contains a collagen domain.

Synonym: C1orf17;GLT25D2;RP11-498P10.2

Molecular Weight: 73.8 kDa

UniProt: [Q8IYK4](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.