

Recombinant Full Length Human GXYLT1 Protein, GST-tagged

Cat. No. GXYLT1-5355HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GLT8D3 full-length ORF (AAH39145.1, 1 a.a. - 409 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	409 amino acids
Description	GXYLT1 is a xylosyltransferase (EC 2.4.2.-) that adds the first xylose to O-glucose-modified residues in the epidermal growth factor (EGF; MIM 131530) repeats of proteins such as NOTCH1 (MIM 190198) (Sethi et al., 2010 [PubMed 19940119]).[supplied by OMIM, Mar 2010]
Molecular Mass	73.2 kDa
AA Sequence	MRRYL RVVLCVACGFC SLLYAFS QLA VSLEEGTGGGGGKPQA AVASWLAGGGRG AVRGAGVAGPAAHPGVSDRYSLKI QPVEKMHLAVVACGERLEETMTMLKSAIIFS I K PLQFHIFAEDQLHHSFKGR LDNWSFLQTFNYTLYPITF PSENAAEWK LFKPCASQR LFLPLILKEVDSLLYVDTDILFLRPVDDIWSLLKKFNSTQIAAMAPEHEEPRIGWYNRF ARHPYYGKTGVNSGVMLNMTRMRRKYFKNDMTTVRLQWGDILMPLLKKYKLNIT WGDQDLLNIVFFHNPE SLFVFPCQWNYRPDHC IYGSNCQEAE EGGIFILHG NRGVY HDDKQPAFRAVYEALRNCSFEDDNIR SLLKPLELELQKT VHTYCGKIYKIFIKQLAKSV RDRYARSPKEK

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GXYLT1 glucoside xylosyltransferase 1 [Homo sapiens (human)]
Official Symbol	GXYLT1
Synonyms	GXYLT1; glucoside xylosyltransferase 1; GLT8D3; glucoside xylosyltransferase 1; glycosyltransferase 8 domain containing 3; glycosyltransferase 8 domain-containing protein 3; NP_001093120.1; EC 2.4.2.n2
Gene ID	283464
mRNA Refseq	NM_001099650
Protein Refseq	NP_001093120
MIM	613321
UniProt ID	Q4G148

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