

Recombinant Human A4GALT protein, GST-tagged

Cat. No. A4GALT-9187H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human A4GALT(1 a.a. - 353 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 353 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	66.9 kDa
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.

GENE INFORMATION

Gene Name	A4GALT alpha 1,4-galactosyltransferase [Homo sapiens]
Official Symbol	A4GALT

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Synonyms	A4GALT; alpha 1,4-galactosyltransferase; alpha 1,4 galactosyltransferase (globotriaosylceramide synthase, P blood group); lactosylceramide 4-alpha-galactosyltransferase; A14GALT; CD77 synthase; Gb3 synthase; Gb3S; globotriaosylceramide synthase; P(k); GB3 synthase; alpha4Gal-T1; P1/Pk synthase; P(k) antigen synthase; P blood group (P one antigen); alpha-1,4-N-acetylglucosaminyltransferase; UDP-galactose:beta-D-galactosyl-beta1-R 4-alpha-D-galactosyltransferase; P1; PK; A4GALT1;
Gene ID	53947
mRNA Refseq	NM_017436
Protein Refseq	NP_059132
MIM	607922
UniProt ID	Q9NPC4
Chromosome Location	22q13.2
Pathway	Glycosphingolipid biosynthesis - globo series, organism-specific biosystem; Glycosphingolipid biosynthesis - globo series, conserved biosystem; Glycosphingolipid biosynthesis, globo-series, LacCer => Gb4Cer, organism-specific biosystem; Glycosphingolipid biosynthesis, globo-series, LacCer => Gb4Cer, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	galactosyltransferase activity; lactosylceramide 4-alpha-galactosyltransferase activity; transferase activity, transferring glycosyl groups;