

Recombinant Human DPAGT1 Protein, GST-tagged

Cat. No. DPAGT1-2822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPAGT1 partial ORF (NP_001373, 296 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is an enzyme that catalyzes the first step in the dolichol-linked oligosaccharide pathway for glycoprotein biosynthesis. This enzyme belongs to the glycosyltransferase family 4. This protein is an integral membrane protein of the endoplasmic reticulum. The congenital disorder of glycosylation type Ij is caused by mutation in the gene encoding this enzyme. [provided by RefSeq, Jul 2008]
Molecular Mass	34.76 kDa
AA Sequence	IIPCPRHRIPRLNIKTGKLEMSYSKFKTKSLSFLGTFILKVAESLQLVTVHQSETEDGEF TECNNMTLINLLLKVLGPIHER
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.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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 DPAGT1 dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminephosphotransferase 1 (GlcNAc-1-P transferase) [Homo sapiens]

Official Symbol DPAGT1

Synonyms DPAGT1; dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminephosphotransferase 1 (GlcNAc-1-P transferase); DPAGT, DPAGT2; UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminephosphotransferase; ALG7; CDG 1j; D11S366; DGPT; GPT; GlcNAc-1-P transferase; N-acetylglucosamine-1-phosphate transferase; dolichyl-phosphate alpha-N-acetylglucosaminyltransferase; UDP-GlcNAc:dolichyl-phosphate N-acetylglucosaminephosphotransferase; dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminephosphotransferase 1 (GlcNAc-1-P tra; G1PT; UAGT; UGAT; CDG1J; DPAGT; CDG-1j; DPAGT2;

Gene ID 1798

mRNA Refseq NM_001382

Protein Refseq NP_001373

MIM 191350

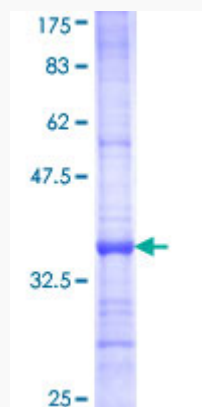
UniProt ID Q9H3H5

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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