

Recombinant Human POGLUT1 Protein, MYC/DDK-tagged

Cat. No. POGLUT1-39H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POGLUT1, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a protein with both O-glucosyltransferase and O-xylosyltransferase activity which localizes to the lumen of the endoplasmic reticulum. This protein has a carboxy-terminal KTEL motif which is predicted to function as an endoplasmic reticulum retention signal. This gene is an essential regulator of Notch signalling and likely plays a role in cell fate and tissue formation during development. It may also play a role in the pathogenesis of leukemia. Mutations in this gene have been associated with the autosomal dominant genodermatosis Dowling-Degos disease 4. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	POGLUT1 protein O-glucosyltransferase 1 [Homo sapiens]
Official Symbol	POGLUT1
Synonyms	POGLUT1; protein O-glucosyltransferase 1; C3orf9, chromosome 3 open reading frame 9 , KTEL (Lys Tyr Glu Leu) containing 1 , KTELC1; 9630046K23Rik; hCLP46; KDELC family like 1; KDELC1; MDS010; MDSRP; MGC32995; Rumi; x 010 protein; CAP10-like 46 kDa protein; CAP10-like protein, 46 kDa; KTEL motif-containing protein 1; KTEL (Lys-Tyr-Glu-Leu) containing 1; myelodysplastic syndromes relative protein; CLP46; C3orf9; KTELC1;
Gene ID	56983
mRNA Refseq	NM_152305
Protein Refseq	NP_689518
UniProt ID	Q8NBL1

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