Recombinant Mouse Poglut1 Protein, Myc/DDK-tagged

Cat. No. Poglut1-4981M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein O-glucosyltransferase 1 (Poglut1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a protein that can catalyze transfer of either UDP-glucose or UDP-xylose to epidermal growth factor (EGF) repeats, such as those found in Notch. Loss of this gene product results in embryonic lethality. Embryos have neural plate defects, heart defects, and truncations of their posterior axis. Alternate splicing results in multiple transcript variants.
Molecular Mass	46.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Poglut1 protein O-glucosyltransferase 1 [Mus musculus (house mouse)]
Official Symbol	Poglut1
Synonyms	POGLUT1; protein O-glucosyltransferase 1; CAP10-like 46 kDa protein; KTEL motif-containing protein 1; KTEL (Lys-Tyr-Glu-Leu) containing 1; Rumi; Ktelc1; 9630046K23Rik
Gene ID	224143
mRNA Refseq	NM_172380
Protein Refseq	NP_759012
UniProt ID	Q8BYB9

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