Recombinant Mouse Poglut3 Protein, Myc/DDK-tagged

Cat. No. Poglut3-4982M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein O-glucosyltransferase 3 (Poglut3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein glucosyltransferase that catalyzes the transfer of glucose from UDP-glucose to a serine residue within the consensus sequence peptide C-X-N-T-X-G-S-F-X-C. Can also catalyze the transfer of xylose from UDP-xylose but less efficiently. Specifically targets extracellular EGF repeats of proteins such as NOTCH1 and NOTCH3. May regulate the transport of NOTCH1 and NOTCH3 to the plasma membrane and thereby the Notch signaling pathway.
Molecular Mass	57.7 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Poglut3 protein O-glucosyltransferase 3 [Mus musculus (house mouse)]
Official Symbol	Poglut3
Synonyms	Poglut3; protein O-glucosyltransferase 3; Kdelc; Kdelc2; AW549401; 2010004J24Rik; 4833410J10Rik; protein O-glucosyltransferase 3; KDEL (Lys-Asp-Glu-Leu) containing 2; KDEL motif-containing protein 2; protein O-xylosyltransferase POGLUT3; EC 2.4.2.26
Gene ID	68304
mRNA Refseq	NM_212445
Protein Refseq	NP_997610
UniProt ID	G5E897

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA