## 32-6888: POGLUT1 Human

Alternative Name : POGLUT1, C3orf9, CLP46, hCLP46, KDELCL1, KTELC1, Protein O-glucosyltransferase 1, CAP10-like 46 kDa protein, KTEL motif-containing protein 1, Myelodysplastic syndromes relative protein, Oglucosyltransferase Rumi homolog, hRumi, Protein O-xylosyltransferase, MDSRP.

## Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
POGLUT1 is a homologue of Rumi from Drosophila, an endoplasmic reticulum (ER)-retaining glucosyltransferase which catalyzes the transfer of glucose and xylose from UDP-glucose and UDP-xylose, respectively, to EGF repeats on the consensus sequence C-X-S-X-P-C. POGLUT1 positively regulates Notch signaling without affecting Notch ligand binding. POGLUT1 Human Recombinant produced in in Sf9 Baculovirus cells is a single, non-glycosylated polypeptide chain containing 377 amino acids (24-392a.a) and having a molecular mass of 44.5 kDa (Migrates at $40-57 \mathrm{kDa}$ on SDS-PAGE under reducing conditions). POGLUT1 is fused to a 8 amino acid His-tag at C -Terminus and purified by proprietary chromatographic techniques.

## Product Info

## Amount :

## Purification :

## Content :

## Storage condition :

Amino Acid :
$1 \mu \mathrm{~g} / 5 \mu \mathrm{~g}$
Greater than $90 \%$ as determined by SDS-PAGE.
The POGLUT1 solution ( $0.25 \mathrm{mg} / \mathrm{ml}$ ) contains Phosphate Buffered Saline ( pH 7.4 ) and $10 \%$ glycerol.
Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within $2-4$ weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ for longer periods of time. For long term storage it is recommended to add a carrier protein ( $0.1 \%$ HSA or BSA). Avoid multiple freeze-thaw cycles.
RQKESGSKWK VFIDQINRSL ENYEPCSSQN CSCYHGVIEE DLTPFRGGIS RKMMAEVVRR KLGTHYQITK NRLYRENDCM FPSRCSGVEH FILEVIGRLP DMEMVINVRD YPQVPKWMEP AIPVFSFSKT SEYHDIMYPA WTFWEGGPAV WPIYPTGLGR WDLFREDLVR SAAQWPWKKK NSTAYFRGSR TSPERDPLIL LSRKNPKLVD AEYTKNQAWK SMKDTLGKPA AKDVHLVDHC KYKYLFNFRG VAASFRFKHL FLCGSLVFHV GDEWLEFFYP QLKPWVHYIP VKTDLSNVQE LLQFVKANDD VAQEIAERGS QFIRNHLQMD DITCYWENLL SEYSKFLSYN VTRRKGYDQI IPKMLKTELL EHHHHHH.

