

Recombinant Human KTELC1 293 Cell Lysate

Cat. No. POGLUT1-4836HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for KTEL (Lys-Tyr-Glu-Leu) containing 1 (KTELC1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

POGLUT1 protein O-glucosyltransferase 1 [Homo sapiens]

Official Symbol

POGLUT1

Synonyms

Rumi; CLP46; MDSRP; C3orf9; KTELC1; MDS010; hCLP46; KDELCL1; protein O-glucosyltransferase 1; hRumi; 9630046K23Rik; x 010 protein; KDEL family like 1; CAP10-like 46 kDa protein; protein O-xylosyltransferase; KTEL motif-containing protein 1; O-glucosyltransferase Rumi homolog; KTEL (Lys-Tyr-Glu-Leu) containing 1; myelodysplastic syndromes relative protein

Gene ID

56983

mRNA Refseq

NM_152305

Protein Refseq

NP_689518

MIM

615618

UniProt ID

Q8NBL1

**Chromosome
Location**

3q13.33

Pathway

Other types of O-glycan biosynthesis, organism-specific biosystem; Pre-NOTCH Processing in the Endoplasmic Reticulum, organism-specific biosystem; Signaling by

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NOTCH, organism-specific biosystem

Function

UDP-glucosyltransferase activity; glucosyltransferase activity; protein xylosyltransferase activity

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