

Recombinant Human SEC11C 293 Cell Lysate

Cat. No. SEC11C-2001HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SEC11 homolog C (<i>S. cerevisiae</i>) (SEC11C) 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

SEC11C SEC11 homolog C (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SEC11C

Synonyms

SEC11C; SEC11 homolog C (*S. cerevisiae*); SEC11 like 3 (*S. cerevisiae*) , SEC11L3; signal peptidase complex catalytic subunit SEC11C; SPC21; SPCS4C; SEC11-like 3; SEC11-like protein 3; SPase 21 kDa subunit; microsomal signal peptidase 21 kDa subunit; SEC11L3;

Gene ID

90701

mRNA Refseq

NM_033280

Protein Refseq

NP_150596

UniProt ID

Q9BY50

Chromosome Location

18q21.32

Pathway

Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Gene Expression, organism-specific biosystem; Incretin Synthesis, Secretion, and Inactivation, organism-specific biosystem; Integration of energy metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem;

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Function

peptidase activity; serine-type peptidase activity;

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