

Recombinant Human SEC63 293 Cell Lysate

Cat. No. SEC63-1988HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SEC63 homolog (<i>S. cerevisiae</i>) (SEC63) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid (True ORF cDNA clone RC208436, OriGene Technologies, Inc.) 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

SEC63 SEC63 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SEC63

Synonyms

SEC63; SEC63 homolog (*S. cerevisiae*); SEC63 like (*S. cerevisiae*); translocation protein SEC63 homolog; DNAJC23; ERdj2; PRO2507; SEC63L;

Gene ID

11231

mRNA Refseq

NM_007214

Protein Refseq

NP_009145

MIM

608648

UniProt ID

Q9UGP8

**Chromosome
Location**

6q21

Pathway

Protein export, organism-specific biosystem; Protein export, conserved biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;

Function

heat shock protein binding; receptor activity; unfolded protein binding;

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