

Recombinant Human SEC23B 293 Cell Lysate

Cat. No. SEC23B-1993HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Sec23 homolog B (<i>S. cerevisiae</i>) (SEC23B), transcript variant 2 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

SEC23B Sec23 homolog B (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SEC23B

Synonyms

SEC23B; Sec23 homolog B (*S. cerevisiae*); CDAN2, congenital dyserythropoietic anemia, type II , Sec23 (*S. cerevisiae*) homolog B; protein transport protein Sec23B; CDA II; CDAIL; HEMPAS; SEC23-like protein B; SEC23-related protein B; transport protein SEC23B; CDAN2; CDA-II;

Gene ID

10483

mRNA Refseq

NM_001172745

Protein Refseq

NP_001166216

MIM

610512

UniProt ID

Q15437

Chromosome Location

20p11.23

Pathway

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

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Function

zinc ion binding;

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