

Recombinant Human SEC23A 293 Cell Lysate

Cat. No. SEC23A-1994HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for Sec23 homolog A (<i>S. cerevisiae</i>) (SEC23A) 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	SEC23A Sec23 homolog A (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	SEC23A
Synonyms	SEC23A; Sec23 homolog A (<i>S. cerevisiae</i>); Sec23 (<i>S. cerevisiae</i>) homolog A; protein transport protein Sec23A; SEC23-related protein A; CLSD; MGC26267;
Gene ID	10484
mRNA Refseq	NM_006364
Protein Refseq	NP_006355
MIM	610511
UniProt ID	Q15436
Chromosome Location	14q21.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen Presentation: Folding, assembly and peptide loading of class I MHC, organism-specific biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; COPII (Coat Protein 2) Mediated Vesicle Transport, organism-specific biosystem; COPII complex, organism-specific biosystem; Class I MHC mediated antigen processing and presentation, organism-specific biosystem;

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Function

protein binding; zinc ion binding;

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