

Recombinant Human SEC14L2 293 Cell Lysate

Cat. No. SEC14L2-1998HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SEC14-like 2 (<i>S. cerevisiae</i>) (SEC14L2), 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

SEC14L2 SEC14-like 2 (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SEC14L2

Synonyms

SEC14L2; SEC14-like 2 (*S. cerevisiae*); C22orf6, SEC14 (*S. cerevisiae*) like 2; SEC14-like protein 2; KIAA1186; KIAA1658; SPF; supernatant protein factor; TAP; squalene transfer protein; tocopherol-associated protein; alpha-tocopherol-associated protein; TAP1; C22orf6; MGC65053;

Gene ID

23541

mRNA Refseq

NM_001204204

Protein Refseq

NP_001191133

MIM

607558

UniProt ID

O76054

Chromosome Location

22q12.2

Function

phospholipid binding; transporter activity; vitamin E binding;

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