

Recombinant Human SEC13 293 Cell Lysate

Cat. No. SEC13-2000HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SEC13 homolog (<i>S. cerevisiae</i>) (SEC13), 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

SEC13 SEC13 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SEC13

Synonyms

SEC13; SEC13 homolog (*S. cerevisiae*); D3S1231E, SEC13 (*S. cerevisiae*) like 1 , SEC13 like 1 (*S. cerevisiae*) , SEC13L1; protein SEC13 homolog; npp 20; SEC13R; SEC13-like 1 isoform; SEC13-like protein 1; SEC13-related protein; npp-20; SEC13L1; D3S1231E;

Gene ID

6396

mRNA Refseq

NM_001136232

Protein Refseq

NP_001129704

MIM

600152

UniProt ID

P55735

Chromosome Location

3p25-p24

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

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2) Mediated Vesicle Transport, organism-specific biosystem; COPII complex, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;

Function

protein binding;

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