

Recombinant Human SERPINB13 293 Cell Lysate

Cat. No. SERPINB13-1939HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for serpin peptidase inhibitor, clade B (ovalbumin), member 13 (SERPINB13) 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 SERPINB13 serpin peptidase inhibitor, clade B (ovalbumin), member 13 [Homo sapiens]

Official Symbol SERPINB13

Synonyms SERPINB13; serpin peptidase inhibitor, clade B (ovalbumin), member 13; PI13, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 13; serpin B13; headpin; HUR7; hurpin; PI-13; HURPIN; peptidase inhibitor 13; proteinase inhibitor 13; haCaT UV-repressible serpin; UV-B repressed sequence, HUR 7; protease inhibitor 13 (hurpin, headpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 13; PI13; HSHUR7SEQ; MGC126870;

Gene ID 5275

mRNA Refseq NM_012397

Protein Refseq NP_036529

MIM 604445

UniProt ID Q9UIV8

Chromosome Location 18q21.3-q22

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Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;
Function	peptidase inhibitor activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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