

Recombinant Human SERPINB13 293 Cell Lysate

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

SPECIFICATION

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.
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	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
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;

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Function

peptidase inhibitor activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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