

Recombinant Human SUV420H1 293 Cell Lysate

Cat. No. SUV420H1-1332HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for suppressor of variegation 4-20 homolog 1 (Drosophila) (SUV420H1), 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

SUV420H1 suppressor of variegation 4-20 homolog 1 (Drosophila) [Homo sapiens]

Official Symbol

SUV420H1

Synonyms

SUV420H1; suppressor of variegation 4-20 homolog 1 (Drosophila); histone-lysine N-methyltransferase SUV420H1; CGI 85; KMT5B; suv4-20h1; C630029K18Rik; su(var)4-20 homolog 1; lysine N-methyltransferase 5B; CGI85; CGI-85; MGC703; MGC21161; MGC118906; MGC118909;

Gene ID

51111

mRNA Refseq

NM_016028

Protein Refseq

NP_057112

MIM

610881

UniProt ID

Q4FZB7

Chromosome Location

11q13.2

Pathway

Glucocorticoid receptor regulatory network, organism-specific biosystem; Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;

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