

Recombinant Human WHSC1L1 293 Cell Lysate

Cat. No. WHSC1L1-314HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for Wolf-Hirschhorn syndrome candidate 1-like 1 (WHSC1L1), transcript variant short 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	WHSC1L1 Wolf-Hirschhorn syndrome candidate 1-like 1 [Homo sapiens]
Official Symbol	WHSC1L1
Synonyms	WHSC1L1; Wolf-Hirschhorn syndrome candidate 1-like 1; histone-lysine N-methyltransferase NSD3; FLJ20353; NSD3; protein whistle; WHSC1-like protein 1; nuclear SET domain-containing protein 3; WHSC1-like 1 isoform 9 with methyltransferase activity to lysine; pp14328; MGC126766; MGC142029; DKFZp667H044;
Gene ID	54904
mRNA Refseq	NM_017778
Protein Refseq	NP_060248
MIM	607083
UniProt ID	Q9BZ95
Chromosome Location	8p11.2
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;

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