

Recombinant Human SETD3 293 Cell Lysate

Cat. No. SETD3-1927HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SET domain containing 3 (SETD3), 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 SETD3 SET domain containing 3 [Homo sapiens]

Official Symbol SETD3

Synonyms SETD3; SET domain containing 3; C14orf154, chromosome 14 open reading frame 154; histone-lysine N-methyltransferase setd3; FLJ23027; SET domain-containing protein 3; C14orf154; MGC87236; DKFZp761E1415;

Gene ID 84193

mRNA Refseq NM_032233

Protein Refseq NP_115609

UniProt ID Q86TU7

Chromosome Location 14q32.2

Function histone methyltransferase activity (H3-K36 specific); methyltransferase activity; transcription coactivator activity; transferase activity;

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