

Recombinant Human NUDT9 293 Cell Lysate

Cat. No. NUDT9-3639HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for nudix (nucleoside diphosphate linked moiety X)-type motif 9 (NUDT9), transcript variant 3 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 [NUDT9 nudix \(nucleoside diphosphate linked moiety X\)-type motif 9 \[Homo sapiens \]](#)

Official Symbol [NUDT9](#)

Synonyms [NUDT9](#); [nudix \(nucleoside diphosphate linked moiety X\)-type motif 9](#); [ADP-ribose pyrophosphatase, mitochondrial](#); [MGC3037](#); [ADPR-PPase](#); [ADP-ribose diphosphatase](#); [ADP-ribose phosphohydrolase](#); [ADP-ribose pyrosphosphatase](#) [NUDT9](#); [adenosine diphosphoribose pyrophosphatase](#); [nucleoside diphosphate linked moiety X-type motif 9](#); [NUDT10](#);

Gene ID [53343](#)

mRNA Refseq [NM_198038](#)

Protein Refseq [NP_932155](#)

MIM [606022](#)

UniProt ID [Q9BW91](#)

Chromosome Location [4q22.1](#)

Pathway [Purine metabolism, organism-specific biosystem](#); [Purine metabolism, conserved biosystem](#);

Function [ADP-ribose diphosphatase activity](#); [ADP-sugar diphosphatase activity](#); [adenosine-](#)

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diphosphatase activity; hydrolase activity;

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