

Recombinant Human NUDT11 293 Cell Lysate

Cat. No. NUDT11-3653HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nudix (nucleoside diphosphate linked moiety X)-type motif 11 (NUDT11) 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

NUDT11 nudix (nucleoside diphosphate linked moiety X)-type motif 11 [Homo sapiens (human)]

Official Symbol

NUDT11

Synonyms

NUDT11; APS1; ASP1; DIPP3b; DIPP3beta; hDIPP3beta; nudix (nucleoside diphosphate linked moiety X)-type motif 11; diphosphoinositol polyphosphate phosphohydrolase 3-beta; hAps1; DIPP3-beta; DIPP-3-beta; nudix motif 11; nucleoside diphosphate-linked moiety X motif 11; diadenosine hexaphosphate hydrolase (AMP-forming); diadenosine 5',5'''-P1,P6-hexaphosphate hydrolase 3-beta; diphosphoinositol polyphosphate phosphohydrolase 3, beta; EC 3.6.1.52; EC 3.6.1.60

Gene ID

55190

mRNA Refseq

NM_018159

Protein Refseq

NP_060629

MIM

300528

UniProt ID

Q96G61

**Chromosome
Location**

Xp11.22

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Pathway	Inositol phosphate metabolism; Metabolism; Synthesis of pyrophosphates in the cytosol
Function	diphosphoinositol-polyphosphate diphosphatase activity; inositol-1,5-bisdiphosphate-2,3,4,6-tetrakisphosphate 1-diphosphatase activity; inositol-1-diphosphate-2,3,4,5,6-pentakisphosphate diphosphatase activity

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