

Recombinant Human DDHD1 293 Cell Lysate

Cat. No. DDHD1-7028HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for DDHD domain containing 1 (DDHD1), 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

DDHD1?DDHD domain containing 1 [?Homo sapiens?(human)]

Official Symbol

DDHD1

Synonyms

DDHD1; SPG28; PAPLA1; PA-PLA1; DDHD domain containing 1; phospholipase DDHD1; DDHD domain-containing protein 1; spastic paraplegia 28 (autosomal recessive); phosphatidic acid-preferring phospholipase A1 homolog; phosphatidic acid-preferring phospholipase A1-like protein

Gene ID

80821

mRNA Refseq

NM_030637

Protein Refseq

NP_085140

MIM

614603

UniProt ID

Q8NEL9

Chromosome Location

14q21

Function

hydrolase activity; metal ion binding

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