

Recombinant Human DNM1L 293 Cell Lysate

Cat. No. DNM1L-6858HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for dynamin 1-like (DNM1L), transcript variant 2 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 [DNM1L dynamin 1-like \[Homo sapiens \]](#)

Official Symbol [DNM1L](#)

Synonyms [DNM1L](#); [dynamin 1-like](#); [dynamin-1-like protein](#); [DRP1](#); [DVLP](#); [DYMPLE](#); [HDYNIV](#); [VPS1](#); [dynamin-like protein 4](#); [dynamin-like protein IV](#); [Dnm1p/Vps1p-like protein](#); [dynamin-related protein 1](#); [dynamin family member proline-rich carboxyl-terminal domain less](#); [DLP1](#); [EMPF](#); [DYNIV-11](#); [FLJ41912](#);

Gene ID [10059](#)

mRNA Refseq [NM_012063](#)

Protein Refseq [NP_036193](#)

MIM [603850](#)

UniProt ID [O00429](#)

Chromosome Location [12p11.21](#)

Pathway [Apoptosis, organism-specific biosystem](#); [Apoptotic executionphase, organism-specific biosystem](#); [Bacterial invasion of epithelial cells, organism-specific biosystem](#); [Bacterial invasion of epithelial cells, conserved biosystem](#); [Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem](#); [Endocrine and other factor-regulated calcium reabsorption, conserved biosystem](#); [Endocytosis](#),

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organism-specific biosystem;

Function

GTP binding; GTPase activity; hydrolase activity; identical protein binding; nucleotide binding; protein binding; ubiquitin protein ligase binding;

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