

Recombinant Human PDSS2 293 Cell Lysate

Cat. No. PDSS2-3319HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for prenyl (decaprenyl) diphosphate synthase, subunit 2 (PDSS2) 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

PDSS2 prenyl (decaprenyl) diphosphate synthase, subunit 2 [Homo sapiens]

Official Symbol

PDSS2

Synonyms

PDSS2; prenyl (decaprenyl) diphosphate synthase, subunit 2; C6orf210, chromosome 6 open reading frame 210; decaprenyl-diphosphate synthase subunit 2; bA59I9.3; decaprenyl pyrophosphate synthase subunit 2; subunit 2 of decaprenyl diphosphate synthase; decaprenyl pyrophosphate synthetase subunit 2; all-trans-decaprenyl-diphosphate synthase subunit 2; DLP1; hDLP1; C6orf210;

Gene ID

57107

mRNA Refseq

NM_020381

Protein Refseq

NP_065114

MIM

610564

UniProt ID

Q86YH6

Chromosome Location

6q21

Pathway

Terpenoid backbone biosynthesis, organism-specific biosystem; Terpenoid backbone biosynthesis, conserved biosystem; all-trans-decaprenyl diphosphate biosynthesis,

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organism-specific biosystem; all-trans-decaprenyl diphosphate biosynthesis, conserved biosystem;

Function

protein heterodimerization activity; contributes_to trans-hexaprenyltranstransferase activity; trans-octaprenyltranstransferase activity; transferase activity;

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