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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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,

	organism-specific biosystem; all-trans-decaprenyl diphosphate biosynthesis, conserved biosystem;
Function	protein heterodimerization activity; contributes_to trans-hexaprenyltranstransferase activity; trans-octaprenyltranstransferase activity; transferase activity;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA