

Recombinant Human PFDN2 293 Cell Lysate

Cat. No. PFDN2-3280HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for prefoldin subunit 2 (PFDN2) 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 mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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GENE INFORMATION

Gene Name PFDN2 prefoldin subunit 2 [Homo sapiens]

Official Symbol PFDN2

Synonyms PFDN2; prefoldin subunit 2; prefoldin 2; PFD2;

Gene ID 5202

mRNA Refseq NM_012394

Protein Refseq NP_036526

MIM 613466

UniProt ID Q9UHV9

Chromosome Location 1q23.3

Pathway Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of substrateto CCT/TriC, organism-specific biosystem; Protein folding, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

Function protein binding; unfolded protein binding;

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