Recombinant Human PKP1 cell lysate

Cat. No. PKP1-1365HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the cytoskeleton. This protein may be involved in molecular recruitment and stabilization during desmosome formation. Mutations in this gene have been associated with the ectodermal dysplasia/skin fragility syndrome.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PKP1 plakophilin 1 (ectodermal dysplasia/skin fragility syndrome) [Homo sapiens]
Official Symbol	PKP1
Synonyms	PKP1; plakophilin 1 (ectodermal dysplasia/skin fragility syndrome); plakophilin-1; B6P; band 6 protein; MGC138829;

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Gene ID	5317
mRNA Refseq	NM_000299
Protein Refseq	NP_000290
MIM	601975
UniProt ID	Q13835
Chromosome Location	1q32
Pathway	Apoptosis, organism-specific biosystem; Apoptotic cleavage of cell adhesionproteins, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem;
Function	binding; intermediate filament binding; signal transducer activity; structural constituent of epidermis;

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