

Recombinant Human PKP1 Protein, MYC/DDK-tagged

Cat. No. PKP1-1882H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PKP1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	80.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PKP1 plakophilin 1 (ectodermal dysplasia/skin fragility syndrome) [Homo sapiens]
Official Symbol	PKP1
Synonyms	B6P
Gene ID	5317
mRNA Refseq	NM_000299
Protein Refseq	NP_000290
MIM	601975
UniProt ID	Q13835

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