

Recombinant Human PKP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PKP3-3267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PKP3 MS Standard C13 and N15-labeled recombinant protein (NP_009114) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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 act in cellular desmosome-dependent adhesion and signaling pathways. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	86.9 kDa
AA Sequence	MQDGNFLLSALQPEAGVCSLALPSDLQLDRRGAEPEAERLRAARVQEVRARLL QLGQQPRHNGAAEPEPEAETARGETSRGQYHTLQAGFSSRSQGLSGDKTSGFRPIA KPAYSPASWSSRSAYDLSCSRRLSSAHNGGSAFGAAGYGGAQPTPPMPTRPVSFH ERGGVGSRADYDTLSLRSLRLGPGGLDDRYSLVSEQLEPAATSTYRAFAYERQASS SSSRAGGLDWPEATEVSPSRTIRAPAVRTLQRFQSSHRSRGVGGAVPGAVLEPVA RAPSVRSLSLSLADSGHLPDVHGFNSYGSHTLQRLSSGFDDIDLPSAVKYLMSD PNLQVLGAAYIQHKCYSDAAAKKQARSLQAVPRLVKLFNHANQEVQRHATGAMRNL

 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

IYDNADNKLALVEENGIFELLRTLREQDDELNRKNVTGILWNLSSSDHLKDRLARDTLE
 QLTDLVLSPLSGAGGPPLIQNASEAEIFYNATGFLRNLSSASQATRQKMRECHGLV
 DALVTSINHALDAGKCEDKSVENAVCVLRNLSYRLYDEMPPSALQRLEGRGRDLA
 GAPPGEVVGCFTPQSRRLRELPLAADALTFAEVSKDPKGLEWLWSPQIVGLYNRLL
 QRCELNRHTTEAAAGALQNITAGDRRWAGVLSRLALEQERILNPLLDVRTADHHQ
 LRSLTGLIRNLSRNARNKDEMSTKVVSHLIEKLPGSVGEKSPPAEVLVNIIAVLNNLVV
 ASPIAARDLLYFDGLRKLIFIKKKRDSPEKSSRAASSLLANLWQYNKLHRDFRAKG
 YRKEDFLGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PKP3 plakophilin 3 [Homo sapiens (human)]
Official Symbol	PKP3
Synonyms	PKP3; plakophilin 3; plakophilin-3; plakophilin 3b
Gene ID	11187
mRNA Refseq	NM_007183

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

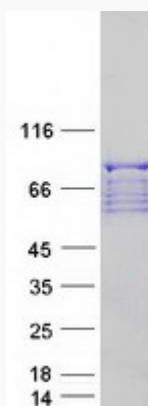
 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_009114

MIM 605561

UniProt ID Q9Y446

SDS-PAGE



 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