

Product datasheet for **TP301001M**

Plakophilin 3 (PKP3) (NM_007183) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens plakophilin 3 (PKP3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201001 representing NM_007183 Red=Cloning site Green=Tags(s)

MQDGNFLLSALQPEAGVCSLALPSDLQLDRRGAEGPEAERLRAARVQEQVRARLLQLGQQPRHNGAAEPE
PEAETARGTSRGQYHTLQAGFSSRSQGLSGDKTSGFRPIAKPAYSPASWSSRSVAVDLSCSRRLSSAHNGG
SAFGAAGYGGAQPTPPMPTRPVSFHERGGVGSRADYDTLSLRSLRLGPGGLDDRYSLVSEQLEPAATSTY
RAFAYERQASSSSSRAGLDWPEATEVSPSRTIRAPAVRTLQRFQSSHRSRGVGGAVPGAVLEPVARAPS
VRSLSLADSGHLPDVHGFNSYGSHTLQRLSSGFDDIDLPSAVKYLMASDPNLQVLGAAYIQHKCYSD
AAAKKQARSLQAVPRLVKLFNHANQEVQRHATGAMRNLIYDNADNKLALVEENGIFELLRTLREQDDELRL
KNVTGILWNLSSDHLKDRDLARDTLEQLTDLVLSPLSGAGGPPLIQNASEAEIFYNATGFLRNLSASQ
ATRQKMRECHGLVDALVTSINHALDAGKCEDKSVENAVCVLRNLSYRLYDEMPPSALQRLEGRGRRDLAG
APPGEVWGCFTPQSRRLRELPLAADALTFAEVSKDPKGLEWLWSPQIVGLYNRLLQRCELNRHTTEAAAG
ALQNITAGDRRWAGVLSRLALEQERILNPLLDVVRTADHHQLRSLTGLIRNLSRNARNKDEMSTKVVSHL
IEKLPGSVGEKSPPAEVLVNIIVLNNLVASPIAARDLLYFDGLRKLIFIKKKRSDPSEKSSRAASSL
LANLWQYNKLRDFRAKGYRKEDFLGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

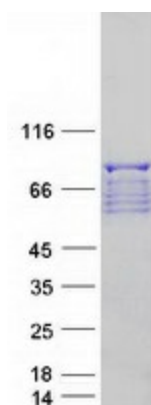
Tag:	C-Myc/DDK
Predicted MW:	86.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_009114
Locus ID:	11187
UniProt ID:	Q9Y446
RefSeq Size:	2845
Cytogenetics:	11p15.5
RefSeq ORF:	2391
Summary:	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. [provided by RefSeq, Dec 2014]

Product images:



Coomassie blue staining of purified PKP3 protein (Cat# [TP301001]). The protein was produced from HEK293T cells transfected with PKP3 cDNA clone (Cat# [RC201001]) using MegaTran 2.0 (Cat# [TT210002]).