

Recombinant Full Length Human PHLPP2 Protein, C-Flag-tagged

Cat. No. PHLPP2-1843HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PHLPP2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable protein serine/threonine phosphatase activity. Predicted to be involved in signal transduction. Located in several cellular components, including intercellular bridge; mitotic spindle; and nucleoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	146.6 kDa
AA Sequence	MKRNGSRNCLNRRSRFGSRERDWLREDVKRGCVYLYGADTTTATTTTTSSSSSS SSSSSDLHLVLCTVE TPASEICAGEGRESLYLQLHGD LVRRLEPTERPLQIVDYLS RLGFDDPVRIQEEATNPDLGCMIRFYGE KPCHMDRLDRILLSGIYNVRKGKTQLHK WAERLVVLCGTCLIVSSVKDCQTGKMHLPLVGGKIEEVKRR QYSLAFSSAGAQAQ TYHVSFETLAHEYQRWQRQASKVVSQRISTVDLSCYSLEEVPEHLFYSQDITYLNLH NFMQLERPGGDLTYKFSQLKGLNLSHNKLGLFPILLCEISTLTELNLS CNGFHDLP QIGNLLNLQTL CLDGNFLTTLPEELGNLQQLSSLGISFNFSQIPEVYEKLTMLDRVV MAGNCLEVLNLGVLNRMNHIKHV DLRMNHLKTMVIENTLEG NKHITHVDLRDNRLTD LDLSSLC SLEQLHCGRNQLREL TSGFSLRTLYASSN RLTA VNVYPVPSLLTFLDLS

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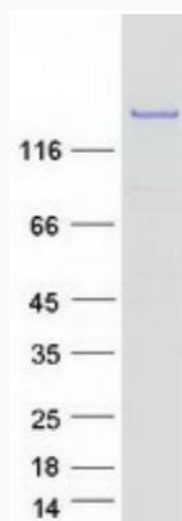
 45-1 Ramsey Road, Shirley, NY 11967, USA

RNLLCVPDWACEAKKIEVLDVSYNLLTEVPVRILSSLSLRKLM LGHNV QNLPTLV
 EHIPLEVLDLQHNA LTRLPDTLFSKALNRLYNASANSLESLSACTGEESLSMLQLL
 YLTNN LLTDQCIPVLVGHHLRLHLANNQLQTFPASKLNKLEQLEELNLSGNKLTIP
 TTIANCKRLHTLVAHS NNISIFPEILQLPQIQFVDLSCNDLTEILPEALPATLQDLDLTG
 NTNLVLEHKTL DIFSHITTLKIDQK PLPTTDSTVTSTFWSHGLAEMAGQRNKL CVSAL
 AMDSFAEGVGAVYGMFDGDRNEELPRLLQCTMADVLL EEVQQSTNDTVFMANTFL
 VSHRKLGMAGQKLGSSALLCYIRPDTADPASSFSLTVANVGTCQAVLCRGGK PVPL
 SKVFSLEQDPEEAQRVKDQKAIITEDNKVNGVTCCTRMLGCTYLYPWILPKPHISSTP
 LTIQDELL ILGNKALWEHLSYTEAVNAVRHVQDPLAAAKKLCTLAQSYGCQDNVGA
 MVVYLNIGEEGCTCEMNGLTLP GPVGFASTTTIKDAPK PATPSSSSGIASEFSSEMS
 TSEVSSEVGSTASDEHNAGGLDTALLPRPERRCSL HPTPTSGLFQRQPSSATFSSN
 QSDNGLDSDDDQPVEGVITNGSKVEVEVDIHCCRGRDLENSPPLIESSP TLCSEEH
 ARGSCFGIRRQNSVNSGMLLPMSKDRMELQKSPSTSCLYGKKLSNGSIVPLEDSL N
 LIEVATE VPKRKTGYFAAPTQMEPEDQFVVPHDLEEEVKEQMKQH QDSRLEPEPH
 EEDQTEPPEEFD TAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	PHLPP2 PH domain and leucine rich repeat protein phosphatase 2 [Homo sapiens (human)]
Official Symbol	PHLPP2
Synonyms	PPM3B; PHLPPL
Gene ID	23035
mRNA Refseq	NM_015020.3
Protein Refseq	NP_055835.2
MIM	611066
UniProt ID	Q6ZVD8



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Coomassie blue staining of purified PHLPP2 protein.

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