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Product datasheet for TP301459L

PLEK2 (NM_016445) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pleckstrin 2 (PLEK2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201459 protein sequence Red=Cloning site Green=Tags(s) MEDGVLKEGFLVKRGHIVHNWKARWFILRQNTLVYYKLEGGRRVTPPKGRILLDGCTITCPCLEYENRPL LIKLKTQTSTEYFLEACSREERDAWAFEITGAIHAGQPGKVQQLHSLRNSFKLPPHISLHRIVDKMHDSN TGIRSSPNMEQGSTYKKTFLGSSLVDWLISNSFTASRLEAVTLASMLMEENFLRPVGVRSMGAIRSGDLA EQFLDDSTALYTFAESYKKKISPKEEISLSTVELSGTVVKQGYLAKQGHKRKNWKVRRFVLRKDPAFLHY YDPSKEENRPVGGFSLRGSLVSALEDNGVPTGVKGNVQGNLFKVITKDDTHYYIQASSKAERAEWIEAIK KLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	39.8 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.
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_057529
Locus ID:	26499

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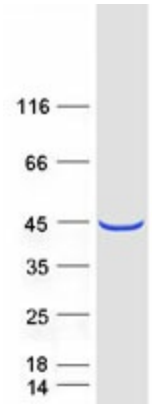
UniProt ID:	Q9NYT0
RefSeq Size:	1479
Cytogenetics:	14q23.3-q24.1
RefSeq ORF:	1059
Summary:	The protein encoded by this gene associates with membrane-bound phosphatidylinositols generated by phosphatidylinositol 3-kinase. The encoded protein then interacts with the actin cytoskeleton to induce cell spreading. In conjunction with complement component 1, q subcomponent, B chain (C1QB), this gene shows an increase in expression in melanoma cells and may serve as an accurate biomarker for the disease. [provided by RefSeq, Dec 2015]

Product images:



Coomassie blue staining of purified PLEK2 protein (Cat# [TP301459]). The protein was produced from HEK293T cells transfected with PLEK2 cDNA clone (Cat# [RC201459]) using MegaTran 2.0 (Cat# [TT210002]).