

Recombinant Human PLEK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PLEK2-6392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PLEK2 MS Standard C13 and N15-labeled recombinant protein (NP_057529) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	40 kDa
AA Sequence	MEDGVLKEGFLVKRGHIVHNWKARWFILRQNTLVYYKLEGGRRVTPPKGRILLDGC TITCPCLEYENRPLLIKLTQTSTHEYFLEACSREERDAWAFEITGAIHAGQPGKVQQL HSLRNSFKLPPHISLHRIVDKMHDSNTGIRSSPNMEQGSTYKKTFLGSSLVDWLISNS FTASRLEAVTLASMLMEENFLRPVGVRSMGAIRSGDLAEQFLDDSTALYTFAESYKK KISPKEEISLSTVELSGTVVKQGYLAKQGHKRKNWKVRRFVLRKDPAFLHYYDPSKE ENRPVGGFSLRGSLSVALEDNGVPTGVKGNVQGNLFKVITKDDTHYYIQASSKAER AEWIEAIKKLTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 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

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.

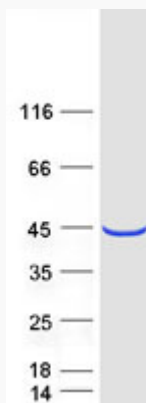
GENE INFORMATION

Gene Name	PLEK2 pleckstrin 2 [Homo sapiens (human)]
Official Symbol	PLEK2
Synonyms	PLEK2; pleckstrin 2; pleckstrin-2; pleckstrin 2 homolog
Gene ID	26499
mRNA Refseq	NM_016445
Protein Refseq	NP_057529
MIM	608007
UniProt ID	Q9NYT0

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SDS-PAGE

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