

Recombinant Human PRKD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRKD1-3415H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRKD1 MS Standard C13 and N15-labeled recombinant protein (NP_002733) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a serine/threonine protein kinase involved in many cellular processes, including Golgi body membrane integrity and transport, cell migration and differentiation, MAPK8/JNK1 and Ras pathway signaling, MAPK1/3 (ERK1/2) pathway signaling, cell survival, and regulation of cell shape and adhesion.
Molecular Mass	101.5 kDa
AA Sequence	MSAPPVLRPPSPLLPVAAAAAAAAAALVPGSGPGPAPFLAPVAAPVGGISFHLQIGL SREPVLLLQDSSGDYSLAHVREMACSIVDQKFPECGFYGMYDKILLFRHDPTSENIL QLVKAASDIQEGDLIEVVLSASATFEDFQIRPHALFVHSYRAPAFCDHCGEMLWGLV RQGLKCEGCGLNYHKRCAFKIPNNCSGVRRRRLSNVSLTGVSTIRTSSAELSTSAPD EPLLQKSPSEFIGREKRSNSQSYIGRPIHLDKILMSKVVPHTFVIHSYTRPTVCQYC KKLLKGLFRQGLQCKDCRFNCHKRCAPKVPNNCLGEVTINGDLLSPGAESDVVMEE GSDDNDSERNISGLMDDMEEAMVQDAEMAMAECQNDSGEMQDPDPDHEDANRTI SPSTSNNIPLMRVVQSVKHTKRKSSTVMKEGWMVHYTSKDTLRKRHYWRDLSKCIT LFQNDTGSRYYEIPLSEILSLEPVKTSALIPNGANPHCFEITTANVYYYVGENVVNPS

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SPSPNNSVLTSGVGADVARMWEIAIQHALMPVIPKGSSVGTGTNLHRDISVSISVSN
CQIQENVDISTVYQIFPDEVLGSGQFGIVYGGKHRKTGRDVAIKIIDKLRFPTKQESQL
RNEVAILQNLHHPGVVNLECMFETPERVFVMEKLHGDMLEMILSSEKGRLPEHITK
FLITQILVALRHLHFKNIVHCDLKPENVLLASADPFPQVKLCDFGFARIIGEKSFRRSVV
GTPAYLAPEVLRNKGYNRSLDMWSVGVIIYVSLSGTFPFNEDEDIHDQIQNAAFMYP
PNPWKEISHEAIDLINLLQVKMRKRYSDKTLSPWLQDYQTWLDLRELECKIGER
YITHESDDLWEKYAGEQGLQYPHTLINPSASHSDTPETEETEMKALGERVSILTRT
RPLEQKLISEEDLAANDILDYKDDDDKV

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 PRKD1 protein kinase D1 [Homo sapiens (human)]

Official Symbol PRKD1

Synonyms PRKD1; protein kinase D1; PRKCM, protein kinase C, mu; serine/threonine-protein kinase D1; PKC mu; PKCM; PKD; nPKC-D1; nPKC-mu; protein kinase D; protein kinase C, mu; protein kinase C mu type; PRKCM; PKC-MU;

Gene ID 5587

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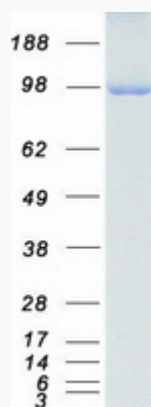
mRNA Refseq NM_002742

Protein Refseq NP_002733

MIM 605435

UniProt ID Q15139

SDS-PAGE



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