

Product datasheet for PH302499

PLK2 (NM_006622) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PLK2 MS Standard C13 and N15-labeled recombinant protein (NP_006613)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202499
Predicted MW:	78.1 kDa
Protein Sequence:	>RC202499 representing NM_006622 Red =Cloning site Green =Tags(s)
	MELLRTITYQPAASTKMCEQALGKGCADSKKKRPPQPPEESQPPQSQAVPPAAPHHHHHSHSGPEIS RIIVDPTTGKRYCRGKVLGKGGFAKCYEMTDLTNNKVYAAKIIPHSRVAKPHQREKIDKEIELHRILHKK HVYQFYHYFEDKENIYILLEYCSRRSMHILKARKVLTEPEVRYLRQIVSGLKYLHEQEILHRDLKLG FFINEAMELKVGDFGLAARLEPLEHRRRTICGTPNYLSPEVLNKQGHGCESDI WALGCVMYTMLLGRPPF ETTNLKETYRCIREARYTMPSSLLAPAKHLIASMLSKNPEDRPSLDDIIRHDFFLQGFTPDRLSSSCCHT VPDFHLSPPAKNFFKAAAAALFGGKDKARYIDTHNRVSKEDEDIYKLRHDLKKT SITQQPSKHRTDEEL QPPTTTVARSGTPAVENKQQIGDAIRMIVRGTLGSCSSSECELDSTMGSVADTVARVLRGLENMPEAD CIPKEQLSTSFQVYTKWVDYSNKYGFYQLSDHTVGVLFNNGAHMSLLPDKKTVHYAELGQCSVFPATD APEQFISQVTVLKYF SHYMEENLMDGGDLPSVTDIRRPRLYLLQWLKSDKALMMLFNDGTFQVNFYHDHT KIIICSQNEEYLLTYINEDRISTTFRLTLLMSGCSSELKNRMEYALNMLLQRCN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006613
RefSeq Size:	2972



[View online »](#)

RefSeq ORF: 2055

Synonyms: hPlk2; hSNK; SNK

Locus ID: 10769

UniProt ID: [Q9NYY3](#), [A0A024QZV1](#)

Cytogenetics: 5q11.2

Summary: The protein encoded by this gene is a member of the polo family of serine/threonine protein kinases that have a role in normal cell division. This gene is most abundantly expressed in testis, spleen and fetal tissues, and its expression is inducible by serum, suggesting that it may also play an important role in cells undergoing rapid cell division. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified PLK2 protein (Cat# [TP302499]). The protein was produced from HEK293T cells transfected with PLK2 cDNA clone (Cat# [RC202499]) using MegaTran 2.0 (Cat# [TT210002]).