

Product datasheet for TP302499

OriGene Technologies, Inc.

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PLK2 (NM_006622) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human polo-like kinase 2 (Drosophila) (PLK2), 20 μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC202499 representing NM_006622 or AA Sequence: Red=Cloning site Green=Tags(s)

MELLRTITYQPAASTKMCEQALGKGCGADSKKKRPPQPPEESQPPQSQAQVPPAAPHHHHHHHSHSGPEIS RIIVDPTTGKRYCRGKVLGKGGFAKCYEMTDLTNNKVYAAKIIPHSRVAKPHQREKIDKEIELHRILHHK HVVQFYHYFEDKENIYILLEYCSRRSMAHILKARKVLTEPEVRYYLRQIVSGLKYLHEQEILHRDLKLGN FFINEAMELKVGDFGLAARLEPLEHRRRTICGTPNYLSPEVLNKQGHGCESDIWALGCVMYTMLLGRPPF ETTNLKETYRCIREARYTMPSSLLAPAKHLIASMLSKNPEDRPSLDDIIRHDFFLQGFTPDRLSSSCCHT VPDFHLSSPAKNFFKKAAAALFGGKKDKARYIDTHNRVSKEDEDIYKLRHDLKKTSITQQPSKHRTDEEL QPPTTTVARSGTPAVENKQQIGDAIRMIVRGTLGSCSSSSSECLEDSTMGSVADTVARVLRGCLENMPEAD CIPKEQLSTSFQWVTKWVDYSNKYGFGYQLSDHTVGVLFNNGAHMSLLPDKKTVHYYAELGQCSVFPATD APEQFISQVTVLKYFSHYMEENLMDGGDLPSVTDIRRPRLYLLQWLKSDKALMMLFNDGTFQVNFYHDHT KIIICSQNEEYLLTYINEDRISTTFRLTTLLMSGCSSELKNRMEYALNMLLQRCN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 78.1 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.



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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 006613

Locus ID: 10769

UniProt ID: Q9NYY3, A0A024QZV1

RefSeq Size: 2972 Cytogenetics: 5q11.2 RefSeq ORF: 2055

Synonyms: hPlk2; hSNK; SNK

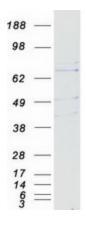
Summary: The protein encoded by this gene is a member of the polo family of serine/threonine protein

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]).