



Datasheet for ABIN1315430
PLK1 Protein (AA 1-603) (GST tag)



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Overview

Quantity:	10 µg
Target:	PLK1
Protein Characteristics:	AA 1-603
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLK1 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	PLK1 (Human) Recombinant Protein (P01)
Sequence:	MSAAVTAGKL ARAPADPGKA GVPGVAAPGA PAAAPPAKEI PEVLVDPRSR RRYVRGRFLG KGGFAKCFEI SDADTKEVFA GKIVPKSLLL KPHQREKMSM EISIHRS LAH QHVVG FHGFF EDNDFV FVVL ELCRRRSLLE LHKRRKALTE PEARYYLRQI VLGCQYLHRN RVIHRDLKLG NLFLNEDLEV KIGDFGLATK VEYDGERKKT LCGTPNYIAP EVLSKKGHSF EVDVWSIGCI MYTLLVGKPP FETSCLKETY LRIKKNEYSI PKHINPVAAS LIQKMLQ TDP TARPTINELL NDEFFTSGYI PARLPITCLT IPPRFSIAPS SLDPSNRKPL TVLNKLENP LPERPREKEE PVVRETGEV DCHLSDMLQQ LHSV NASKPS ERGLVRQEEA EDPACIPIFW VSKWVDYSDK YGLGYQLCDN SVGVLFNDST RLILYNDGDS LQYIERDGTE SYLTVSSHPN SLMKKITLLK YFRNYMSEHL LKAGANITPR EGDELARLPY LRTWFRTRSA IILHLSNGSV QINFFQDHTK LILCPLMAAV TYIDEKRDFR TYRLSLLEEY GCCKELASRL RYARTMVDKL LSSRSASNRL KAS
Characteristics:	Human PLK1 full-length ORF (AAH02369, 1 a.a. - 603 a.a.) recombinant protein with GST-tag at

Product Details

N-terminal.

Purification: in vitro wheat germ expression system

Target Details

Target: PLK1

Alternative Name: PLK1 ([PLK1 Products](#))

Background: Full Gene Name: polo-like kinase 1 (Drosophila)
Synonyms: PLK,STPK13

Gene ID: 5347

Pathways: [Cell Division Cycle, M Phase](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

Handling

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

Publications

Product cited in: Laurell, Beck, Krupina, Theerthagiri, Bodenmiller, Horvath, Aebersold, Antonin, Kutay: "Phosphorylation of Nup98 by multiple kinases is crucial for NPC disassembly during mitotic entry." in: **Cell**, Vol. 144, Issue 4, pp. 539-50, (2011) ([PubMed](#)).

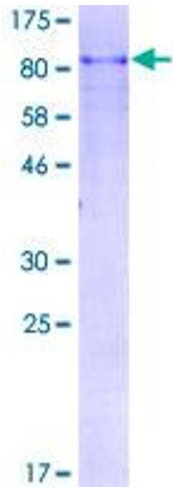


Image 1.