Datasheet for ABIN1348950

CDK4 Protein (AA 1-303) (GST tag)

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Overview

Quantity:	10 µg
Target:	CDK4
Protein Characteristics:	AA 1-303
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK4 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	CDK4 (Human) Recombinant Protein (P02)
Sequence:	MATSRYEPVA EIGVGAYGTV YKARDPHSGH FVALKSVRVP NGGGGGGGLP ISTVREVALL RRLEAFEHPN VVRLMDVCAT SRTDREIKVT LVFEHVDQDL RTYLDKAPPP GLPAETIKDL MRQFLRGLDF LHANCIVHRD LKPENILVTS GGTVKLADFG LARIYSYQMA LTPVVVTLWY RAPEVLLQST YATPVDMWSV GCIFAEMFRR KPLFCGNSEA DQLGKIFDLI GLPPEDDWPR DVSLPRGAFP PRGPRPVQSV VPEMEESGAQ LLLEMLTFNP HKRISAFRAL QHSYLHKDEG NPE
Characteristics:	Human CDK4 full-length ORF (AAH03644, 1 a.a. - 303 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

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Target Details

Target:	CDK4
Alternative Name:	CDK4 (CDK4 Products)
Background:	Full Gene Name: cyclin-dependent kinase 4 Synonyms: CMM3,MGC14458,PSK-J3
Gene ID:	1019
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases, Regulation of Cell Size

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:	Bockstaele, Kooken, Libert, Paternot, Dumont, de Launoit, Roger, Coulonval: "Regulated activating Thr172 phosphorylation of cyclin-dependent kinase 4(CDK4): its relationship with cyclins and CDK "inhibitors"." in: **Molecular and cellular biology**, Vol. 26, Issue 13, pp. 5070-85, (2006) (PubMed).

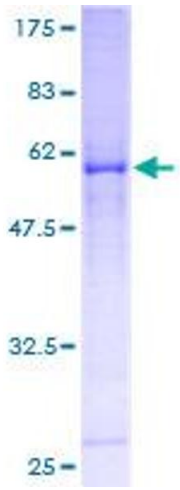

Image 1.

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