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Datasheet for ABIN1314578

PDPK1 Protein (AA 457-556) (GST tag)

1 Image

Overview

Quantity:	2 µg
Target:	PDPK1
Protein Characteristics:	AA 457-556
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDPK1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	PDPK1 (Human) Recombinant Protein (Q01)
Sequence:	ILKMGPVDKR KGLFARRRQL LLTEGPHLYY VDPVNVKVLKG EIPWSQELRP EAKNFKTFFV HTPNRTYYLM DPSGNAHKWC RKIQEVWRQR YQSHPDAAVQ
Characteristics:	Human PDPK1 partial ORF (NP_002604, 457 a.a. - 556 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	PDPK1
Alternative Name:	PDPK1 (PDPK1 Products)

Target Details

Background:	Full Gene Name: 3-phosphoinositide dependent protein kinase-1 Synonyms: MGC20087,MGC35290,PDK1,PRO0461
Gene ID:	5170
NCBI Accession:	NM_002613
Pathways:	PI3K-Akt Signaling , TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization , Regulation of Cell Size , Skeletal Muscle Fiber Development , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals

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.

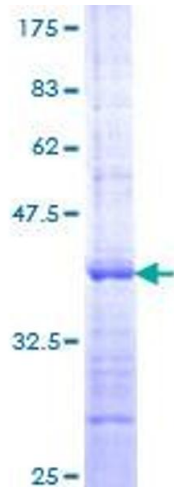


Image 1.