

Recombinant Full Length Human DAPK1 Protein, GST-tagged

Cat. No. DAPK1-2455HF Lot. No. (See product label)

SPECIFICATION

Product Overview Human DAPK1 full-length ORF (-, 1 a.a. - 368 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

ProteinLength 368 amino acids

Description Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced programmed cell death. DAPK1 encodes a structurally unique 160-kD calmodulin dependent serine-threonine kinase that carries 8 ankyrin repeats and 2 putative P-loop consensus sites. It is a tumor suppressor candidate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

Molecular Mass 66 kDa

AA Sequence

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MTVFRQENVDDYYDTGEELGSGQFAVVKKCREKSTGLQYAAKFIKKRRTKSSRRGV
SREDIEREVSILKEIQHPNVITLHEVYENKTDVILILELVAGGELFDLAEKESLTEEEAT
EFLKQILNGVYYLHSLQIAHFDLKPENIMLLDRNVKPKRIIIDFGLAHKIDFGNEFKNIF
GTPEFVAPEIVNYEPLGLEADMWSIGVITYILLSGASPFLGDTKQETLANVSAVNYEF
EDEYFSNTSALAKDFIRLLVKDPKKRMTIQDSLQHPWIKPKDTQQALSRKASAVNM
EKFKKFAARKKWKQSVRLISLCQRLSRSFSLRSNMSVARSDDTLDEEDSFVMKAIH
AINDDNVPGLQHLSKRLL
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DAPK1 death-associated protein kinase 1 [Homo sapiens]
Official Symbol	DAPK1
Synonyms	DAPK1; death-associated protein kinase 1; DAPK; DAP kinase 1; DKFZp781I035;
Gene ID	1612
mRNA Refseq	NM_004938
Protein Refseq	NP_004929
MIM	600831
UniProt ID	P53355

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