

## Active Recombinant Human DAPK1 protein, His&GST-tagged

Cat. No. DAPK1-971H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DAPK1 protein(P53355-1)(Met1-Leu363), fused with His&GST tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Leu363
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glyPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	The specific activity was determined to be 20 nmol/min/mg using synthetic R11-S6-Peptide (R11-IAKRRRLSSLRASTSKSESSQK) as substrate.
<b>Molecular Mass</b>	The recombinant human DAPK1 (aa 1-363)/GST chimera consists of 600 amino acids and has a calculated molecular mass of 69.4 kDa. It migrates as an approximately 64 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 80 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

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

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