

Active Recombinant Human DAPK1 protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human DAPK1 protein(P53355-1)(Met1-Leu363), fused with His&GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Leu363
Form	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.
Bio-activity	The specific activity was determined to be 20 nmol/min/mg using synthetic R11-S6-Peptide (R11-IAKRRRLSSLRASTSKSESSQK) as substrate.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % as determined by SDS-PAGE
Storage	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

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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