

Recombinant Human DAPK2 Protein, His-tagged

Cat. No. DAPK2-1311H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DAPK2 Protein (Met1-Thr235) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Thr235
Description	This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.5 kDa Accurate Molecular Mass: 31 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	DAPK2 death-associated protein kinase 2 [Homo sapiens (human)]
Official Symbol	DAPK2
Synonyms	DAPK2; death-associated protein kinase 2; DRP 1; MGC119312; DAP kinase 2; DAP-kinase-related protein 1 beta isoform; DRP1; DRP-1;
Gene ID	23604
mRNA Refseq	NM_014326
Protein Refseq	NP_055141
MIM	616567
UniProt ID	Q9UIK4

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