

Recombinant Human DAPK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DAPK2-1237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DAPK2 MS Standard C13 and N15-labeled recombinant protein (NP_055141) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	42.7 kDa
AA Sequence	MFQASMRSPNMEPFKQKQVEDFYDIGEELGSGQFAIVKKCREKSTGLEYYAAKFIKK RQSRASRRGVSREEIEREVSILRQVLHHNVITLHDVYENRTDVLILELVSGGELDFD LAQKESLSEEEATSFQKQILDGVNYLHTKKIAHFDLKPENIMLLDKNIPIPHIKLIDFGLA HEIEDGVEFKNIFGTPEFVAPEIVNYEPLGLEADMWSIGVITYILLSGASPFLGDTKQE TLANITAVSYDFDEEFFSQTSELAKDFIRKLLVKETRKRLTIQEALRHPWITPVDNQQQA MVRRESVVNLENFRKQYVRRRWKLSFSIVSLCNHLTRSLMKKVHLRPDEDLRNCS DTEEDIARRKALHPRRRSSTSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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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