

Recombinant Human DAPK3

Cat. No. DAPK3-30752TH Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant full length protein (Human), expressed by baculovirus in Sf9 insect cells using an N-terminal enzyme tag. |
| Species | Human |
| Description | Death-associated protein kinase 3 (DAPK3) induces morphological changes in apoptosis when overexpressed in mammalian cells. These results suggest that DAPK3 may play a role in the induction of apoptosis. |
| Biological activity | Specific activity: 37 nmol/min/mg. |
| Form | Liquid |
| Storage buffer | Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5 |
| Storage | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles. |
| Sequence Similarities | Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily. Contains 1 protein kinase domain. |
| Full Length | Full L. |

GENE INFORMATION

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

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| Gene Name | DAPK3 death-associated protein kinase 3 [Homo sapiens] |
| Official Symbol | DAPK3 |
| Synonyms | DAPK3; death-associated protein kinase 3; ZIP; ZIPK; |
| Gene ID | 1613 |
| mRNA Refseq | NM_001348 |
| Protein Refseq | NP_001339 |
| MIM | 603289 |
| Uniprot ID | O43293 |
| Chromosome Location | 19p13.3 |
| Pathway | Apoptosis, organism-specific biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Pathways in cancer, organism-specific biosystem; Regulation of Apoptosis, organism-specific biosystem; |
| Function | ATP binding; leucine zipper domain binding; nucleotide binding; protein homodimerization activity; protein serine/threonine kinase activity; |

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