Recombinant Human DAPK3

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

SPECIFICATION

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: NoneConstituents: 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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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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