

Active Recombinant Human DAPK3 Protein, GST-tagged

Cat. No. DAPK3-2340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DAPK3 (NP_001339.1, 1 a.a. - 454 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Species	Human
Source	Insect Cells
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. [provided by RefSeq, Jul 2008]
Form	Liquid
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: ZIPTide. ATP: 100 uM.
Molecular Mass	80 kDa
Purity	67 % by SDS-PAGE/CBB staining
Applications	Antibody Production Functional Study Compound Screening

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 1 mM DTT, 10% glycerol)

GENE INFORMATION

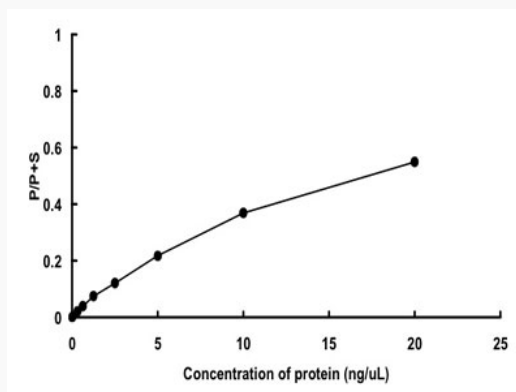
Gene Name	DAPK3 death-associated protein kinase 3 [Homo sapiens]
Official Symbol	DAPK3
Synonyms	DAPK3; death-associated protein kinase 3; ZIP; ZIPK; dlk; ZIP-kinase; DAP kinase 3; MYPT1 kinase; DAP-like kinase; ZIP kinase isoform; zipper-interacting protein kinase; FLJ36473;
Gene ID	1613
mRNA Refseq	NM_001348
Protein Refseq	NP_001339
MIM	603289
UniProt ID	O43293

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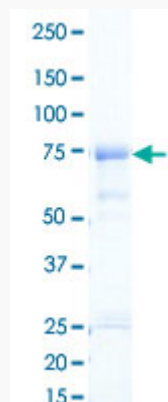
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Result of activity analysis



Quality Control Testing:



Loading 1 µg protein in SDS-PAGE

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