

Recombinant Human Fas-activated Serine/Threonine Kinase, T7-tagged

Cat. No. FASTK-824H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FASTK protein was expressed in E.coli with T7-tag at the N-terminus. The molecular weight is 61104 Da
Species	Human
Source	E.coli
Description	FASTK Fas-activated serine/threonine kinase encoded by this gene is a member of the serine/threonine protein kinase family. This kinase was shown to be activated rapidly during Fas-mediated apoptosis in Jurkat cells. In response to Fas receptor ligation, it phosphorylates TIA1, an apoptosis-promoting nuclear RNA-binding protein. The encoded protein is a strong inducer of lymphocyte apoptosis. Two transcript variants encoding different isoforms have been found for this gene. Other variants exist, but their full-length natures have not yet been determined.
Sequences of amino acids	1-471 aa
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ . 10mM DTT
Purity	95%

GENE INFORMATION

Gene Name	FASTK Fas-activated serine/threonine kinase [Homo sapiens]
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Synonyms	FAST; FAST kinase; EC 2.7.11.8; serine/threonine kinase; FASTK OTTHUMP00000213278; fas-activated; OTTHUMP00000213305
Gene ID	10922
mRNA Refseq	NM_006712
Protein Refseq	NP_006703
MIM	606965
UniProt ID	Q14296
Chromosome Location	7q35
Function	ATP binding;Fas-activated serine/threonine kinase activity;nucleotide binding;protein binding;protein serine/threonine kinase activity;transferase activity

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