

Recombinant Full Length Human FASTK Protein, GST-tagged

Cat. No. FASTK-4863HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FASTK full-length ORF (NP_006703.1, 1 a.a. - 549 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	549 amino acids
Description	The protein 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. [provided by RefSeq, Jul 2008]
Molecular Mass	87.5 kDa
AA Sequence	MRRPRGEPGPRAPRPTEGATCAGPGESWSPSPNSMLRVLLSAQTSPARLSGLLLIP PVQPCCLGPSKWGDRPVGGGPSAGPVQGLQRLLLEQAKSPGELLRWLGQNPSKVR AHHYSVALRRLGQLLGSRPRPPPVEQVTLQDLSQLIIRNCPSFDIHTIHVCLHLAVLLG FPSDGPLVCALEQERRRLRPPKPPPLQPLLRRGGQGLEAALSCPRFLRYPRQHLISS LAEARPEELTPHVMVLLAQHLARHRLREPQLLEAIAHFLVVQETQLSSKVQKLVLPF GRLNYLPLEQQFMPCLERILAREAGVAPLATVNILMSLCQLRCLPFRALHFVFSPGFI

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NYISGTPHALIVRRYLSLLDTAVELELPGYRGPRLPRRQQVPIFPQPLITDRARCKYS
 HKDIVAEGLRQLLGEEKYRQDLTVPPGYCTDFLLCASSSGAVLPVRTQDPFLPYPPR
 SCPQGQAASSATTRDPAQRVVLVLRERWHFCRDGRVLLGSRALRERHLGLMGYQL
 LPLPFEELESQRGLPQLKSYLRQKLQALGLRWGPEGG

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
 FASTK Fas-activated serine/threonine kinase [Homo sapiens]

Official Symbol
 FASTK

Synonyms
 FASTK; Fas-activated serine/threonine kinase; fas-activated serine/threonine kinase;
 FAST; FAST kinase;

Gene ID
 10922

mRNA Refseq
 NM_006712

Protein Refseq
 NP_006703

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MIM	606965
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UniProt ID	Q14296
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