

Recombinant Human FASTK Protein, GST-tagged

Cat. No. FASTK-3859H **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	Wheat Germ
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 AHHYSVALRRLGQLLGSRRPPPPVEQVTLQDLSQLIIRNCPSFDIHTIHVCLHLAVLLG FPSDGPLVCALEQERRRLRPPKPPPLQLLRGGGLEAALSCPRFLRYPRQHLLISS LAEARPEELTPHVMVLLAQHLARHRLREPQLLEAIAHFLVVQETQLSSKVQKLVLPF GRLNYLPLEQQFMPCLERILAREAGVAPLATVNILMSLCQLRCLPFRALHFVFSPGFI NYISGTPHALIVRRYLSLLDTAVELELPGYRGPRLP RRQQVPIFPQPLITDRARCKYS

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HKDIVAEGLRQLLGEEKYRQDLTVPPGYCTDFLLCASSSGAVLPVVRTQDPFLPYPPR
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

MIM

606965

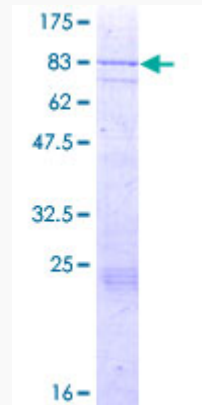
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UniProt ID

Q14296

Quality Control
Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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