

# Recombinant Full Length Human FASTK Protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FASTK full-length ORF ( NP_006703.1, 1 a.a. - 549 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 549 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 87.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MRRPRGEPGPRAPRPTEGATCAGPGESWSPSPNSMLRVLLSAQTSPARLSGLLLIP<br>PVQPCCLGPSKWGDRPVGGGPSAGPVQGLQRLLLEQAKSPGELLRWLGQNPSKVR<br>AHHYSVALRRLGQLLGSRRPPPPVEQVTLQDLSQLIIRNCPSFDIHTIHVCLHLAVLLG<br>FPSDGPLVCALEQERRRLRPPKPPPLQPLLRRGGQGLEAALSCPRFLRYPRQHLISS<br>LAEARPEELTPHVMVLLAQHLARHRLREPQLLEAIAHFLVVQETQLSSKVQKLVLPF<br>GRLNYLPLEQQFMPCLERILAREAGVAPLATVNILMSLCQLRCLPFRALHFVFSPGFI                                                                                                                                                                                                      |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)
 Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|     |        |
|-----|--------|
| MIM | 606965 |
|-----|--------|

|            |        |
|------------|--------|
| UniProt ID | Q14296 |
|------------|--------|

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA