

## Product datasheet for TP307877

### FASTK (NM\_033015) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fas-activated serine/threonine kinase (FASTK), transcript variant 4, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207877 protein sequence Red=Cloning site Green=Tags(s)

MRRPRGEPGPRAPRPTGATCAGPGESCPSDGPLVCALEQERRLRPPKPPPPLQPLLGGQGLEAALS  
CPRFLRYPRQHLISSLAEARPEELTPHVMVLLAQHLARHRLREPQLLEAIAHFLVQETQLSSKVVQKLV  
LPFGRLNYLPLEQQFMPCLERILAREAGVAPLATVNILMSLCQLRCLPFRALHFVSPGFINYISGTPHA  
LIVRRYLSLLDTAVELELPGYRGPRLPRRQVPIFPQLITDRARCKYSHKDIVAEGLRQLLGEEKYRQD  
LTVPPGYCTDFLLCASSSGAVLPVRTQDPFLPYPPRSCPQQAASSATTRDPAQRVVLVLRERWHFCRDG  
RVLLGSRALRERHLGLMGYQLLPLPFEELSRGLPQLKSYLRQKLQALGLRWGPEGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	45.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_148936</a></u>



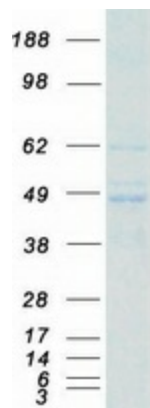
[View online »](#)

Locus ID: 10922  
UniProt ID: [Q14296](#), [A0A090N8I0](#)  
RefSeq Size: 1448  
Cytogenetics: 7q36.1  
RefSeq ORF: 1224  
Synonyms: FAST

**Summary:** 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]

**Protein Families:** Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified FASTK protein (Cat# TP307877). The protein was produced from HEK293T cells transfected with FASTK cDNA clone (Cat# [RC207877]) using MegaTran 2.0 (Cat# [TT210002]).