

Recombinant Human FASTK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FASTK-3315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FASTK MS Standard C13 and N15-labeled recombinant protein (NP_148936) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	45.9 kDa
AA Sequence	MRRPRGEPGPRAPRPTGATCAGPGESCPSDGPLVCALEQERRRLRLPPKPPPPL QPLLRRGGQGLEAALSCPRFLRYPRQHLLISSLAEARPEELTPHVMVLLAQHLARHRLR EPQLLLEAIAHFLVVQETQLSSKVQKLVLFPGRNLNPLPLEQQFMPCLERILAREAGVA PLATVNILMSLCQLRCLPFRALHFVFSPGFINYISGTPHALIVRRYLSLLDTAVELELPG YRGPRLP RRQQVPIFPQPLITDRARCKYSHKDIVAEGRLRQLLGEEKYRQDLTVPPGY CTDFLLCASSSGAVLPVRTQDPFLPYPPRSCPQGQAASSATTRDPAQRVVLVLRER

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	WHFCRDGRVLLGSRALRERHLGLMGYQLLPFEELESQRGLPQLKSYLRQKLQAL GLRWGPEGGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FASTK Fas-activated serine/threonine kinase [Homo sapiens (human)]
Official Symbol	FASTK
Synonyms	FASTK; Fas-activated serine/threonine kinase; fas-activated serine/threonine kinase; FAST; FAST kinase;
Gene ID	10922
mRNA Refseq	NM_033015
Protein Refseq	NP_148936
MIM	606965

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UniProt ID

Q14296

SDS-PAGE

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