

Recombinant Full Length Human FASTKD3 Protein, GST-tagged

Cat. No. FASTKD3-4868HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FASTKD3 full-length ORF (ADR83087.1, 1 a.a. - 662 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	662 amino acids
Description	This gene encodes a member of a small family of Fas-activated serine/threonine kinase domain (FASTKD) containing proteins that share an amino terminal mitochondrial targeting domain and multiple carboxy terminal FAST domains as well as a putative RNA-binding RAP domain. The members of this family are ubiquitously expressed and are generally most abundant in mitochondria-enriched tissues such as heart, skeletal muscle and brown-adipose tissue. Some members of this protein family may play a role in apoptosis. The protein encoded by this gene interacts with components of the mitochondrial respiratory and translation networks. A pseudogene of this gene is also present on chromosome 5. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]
Molecular Mass	72.9 kDa
AA Sequence	MALITLRKNLYRLSDFQMHRALAALKNKPLNHVHKVVKERLCPWLCSRQPEPFGVR FHHAHCKKFHSKNGNDLHPLGGPVFSQVSDCDRLEQNVKNEESQMFYRRLSNLTS

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

SEEVLSFISTMETLPDTMAAGALQRICEVEKKDGDQGLPKEILENSIFQALCFQFEKE
 PSQLSNTSLVTALQALILLHVDPQSSLLNLVAECQNRLRKGGMEVRNLCILGESLITL
 HSSGCVTLELIINQLQGEKLETFTPEDIVALYRILQACTEKVDEHQTFLNKINNFSLSIV
 SNLSPKLISQMLTALVVLDQSQAFLIILGKYVVRHVPHTNEELRRVLEAFIYFGHH
 DTFFTKALEHRVAAVCLTLDPEVVCRVMEYCSRELILSKPILNAVAETFVCQTEKFSP
 RQISALMEPFGKLNLYLPPNASALFRKLENVLFTHFNYPFKSLLKLLHSCSLNECHPV
 NFLAKIFKPLFLQRLQGKESHLDTLSRAQLTQLFLASVLECPFYKGPKLLPKYQVKSF
 LTPCCSLETPVDSQLYRYVKIGLTNLLGARLYFAPKVLTPYCYTIDVEIKLDEEGFVLP
 STANEDIHKRIALCIDGPKRFCSNSKHLLGKEAIKQRHLQLLGYQVVQIPYHEIGMLKS
 RRELVEYLQRKLFSQNTVHWLQE

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

FASTKD3 FAST kinase domains 3 [Homo sapiens]

Official Symbol

FASTKD3

Synonyms

FASTKD3; FAST kinase domains 3; FAST kinase domain-containing protein 3;
 FLJ23274; MGC5297; MGC142123;

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Gene ID	79072
mRNA Refseq	NM_024091
Protein Refseq	NP_076996
MIM	617530
UniProt ID	Q14CZ7

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