

Recombinant Human FASTKD2 Protein, GST-tagged

Cat. No. FASTKD2-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FASTKD2 Protein, fused to GST-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a protein that is localized in the mitochondrial inner compartment and that may play a role in mitochondrial apoptosis. Nonsense mutations have been reported to result in cytochrome c oxidase deficiency.
Form	Supplied as a solution in 30mM Tris, 300 mM NaCl pH8.0.
Molecular Mass	~66.3 kDa
AA Sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMIIRYIADKHNM LGGCPKERA EISMLEGAVLDIRYGVSR IAYSKDFE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIE AIPQIDKYLKSSKYIAWPLQG WQATFGGGDHPPKSDLVPRGSILLD ECSKVVL DNIHGCP L RIMINILQ SCKDLQYHNLDL F KGLADYVAATFDIWKFRKVLFI LI LFENLGFRPVGLMDLFMKRIVEDPESLNMKNILSILHTYSSLNHVYKCQNKEQFVEV MASALTGYLHTISSENLLDAVYSFCLMNYFPLAPFNQLLQKDIISELLTSDDMKNAYKL HTLDTCLKLDDTVYLRDIALSLPQLPRELPSSHTNAKVAEVLSSLLGGEGHFSKDVHL PHNYHIAFEIRMDTNRNQVLPLSDVDTT SATDIQRVAVLCVSR SAYCLGSSHPRGFL AMKMRHLNAMGFHVILVNNWEMDKLEMEDAVTFLKTKIYSVEALPVA AVNVQSTQA AAS

 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

Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.2 mg/ml

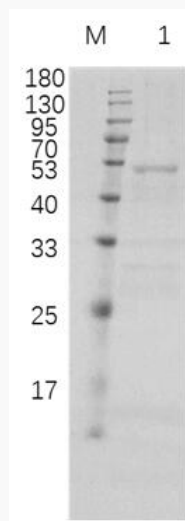
GENE INFORMATION

Gene Name	FASTKD2 FAST kinase domains 2 [Homo sapiens (human)]
Official Symbol	FASTKD2
Synonyms	COXPD44; KIAA0971
Gene ID	22868
mRNA Refseq	NM_014929
Protein Refseq	NP_055744
MIM	612322
UniProt ID	Q9NYY8

 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

SDS-PAGE

12% reducing SDS-PAGE analysis of purified FASTKD2-D605A (approximately 1 mg protein loaded).

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