



Recombinant Human FAST kinase domain-containing protein 2 (FASTKD2)

Product Code	CSB-EP882149HU-B
Abbreviation	FASTKD2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NYY8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MLTTLKPFGR VSVESKMNNK AGSFFWNLRQ FSTLVSTSRM MRLCCLGLCK PKIVHSNWN LNNFHNRMQS TDIIRYLFQD AFIFKSDVGF QTKGISTLTA LRIERLLYAK RLFVDSKQSL VPKVDSDEL KKVNLNHEVS NEDVLTKETK PNRISSRKLK EECNSLSDVL DAFSKAPTFP SSNYFTAMWT IAKRLSDDQK RFEKRLMFSH PAFNQLCEHM MREKIMQYK YLLFSLHAIV KLGIPQNTIL VQTLRVTQE RINECDEICL SVLSTVLEAM EPCKNVHVLK TGFRILVDQQ VWKIEDVFTL QVVMKCIGKD APIALKRKLE MKALRELDK SVLNSQHMFE VLAAMNHRSL ILLDECSKVV LDNIHGCLP RIMINILQSK DLQYHNLDLF KGLADYVAAT FDIWKFRKVL FILILFENLG FRPVGLMDLF MKRIVEDPES LNMKNLSIL HTYSSLNHVY KCQNKQFVE VMASALTGYL HTISSENLLD AVYSFCLMNY FPLAPFNQLL QKDIISELLT SDDMKNAYKL HTLDTCKLKD DTVYLRDIAL SLPQLPRELP SSHTNAKVAE VLSSLLGGEG HFSKDVHLPK NYHIDFEIRM DTNRNQVLPL SDVDTTSATD IQRVAVLCVS RSAYCLGSSH PRGFLAMKMR HLNAMGFHVI LVNNWEMDKL EMEDAVTFLK TKIYSVEALP VAAVNVQSTQ
Source	E.coli
Target Names	FASTKD2
Protein Names	Recommended name: FAST kinase domain-containing protein 2
Expression Region	1-710
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.