



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

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| <b>Product Code</b>      | CSB-EP882149HU   |
| <b>Abbreviation</b>      | FASTKD2  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q9NYY8   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MLTTLKPFGR VSVESKMNNK AGSFFWNLRQ FSTLVSTSRM MRLCCLGLCK<br>PKIVHSNWN I LNNFHNRMQS TDIIRYLFQD AFIFKSDVGF QTKGISTLTA<br>LRIERLLYAK RLFVDSKQSL VPVDKSDDEL KKVNLNHEVS NEDVLTKETK<br>PNRISSRKL S EECNSLSDVL DAFSKAPTFP SSNYFTAMWT IAKRLSDDQK<br>RFEKRLMFSH PAFNQLCEHM MREAKIMQYK YLLFSLHAIV KLGIPQNTIL<br>VQTLRVTQE RINECDEICL SVLSTVLEAM EPCKNVHVL R TGFRILVDQQ<br>VWKIEDVFTL QVVMKCIGKD APIALKRKLE MKALRELD R SVLNSQHMFE<br>VLAAMNHRSL ILLDECSKV V LDNIHGCLP R IMINILQSC K DLQYHNLDLF<br>KGLADYVAAT FDIWKFRKVL FILILFENLG FRPVGLMDLF MKRIVEDPES<br>LNMKNILSIL HTYSSLNHVY KCQNKEQFVE VMASALTGYL HTISSENLLD<br>AVYSFCLMNY FPLAPFNQLL QKDIISELLT SDDMKNAYKL HTLDTCLKLD<br>DTVYLRDIAL SLPQLPRELP SSHTNAKVAE VLSSLLGGEG HFSKDVHLP H<br>NYHIDFEIRM DTNRNQVLPL SDVDTTSATD IQRVAVLCVS RSAYCLGSSH<br>PRGFLAMKMR HLNAMGFHVI LVNNWEMDKL EMEDAVTFLK TKIYSVEALP<br>VAAVNVQSTQ |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | FASTKD2  |
| <b>Protein Names</b>     | Recommended name: FAST kinase domain-containing protein 2  |
| <b>Expression Region</b> | 1-710  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Target Details</b>    | 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.