



Recombinant Human Serine/threonine-protein kinase STK11 (STK11)

Product Code	CSB-EP624036HU-B
Abbreviation	STK11
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.	Q15831
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEVVDPQQLG MFTEGELMSV GMDTFIHRID STEVIYQPRR KRAKLIQKYL MGDLLGEGSY GKVKEVLDSE TLCRRAVKIL KKKKLRRIPN GEANVKKEIQ LLRRLRHKNV IQLVDVLYNE EKQKMYMVME YCVCGMQEML DSVPEKRFPV CQAHGYFCQL IDGLEYLHSQ GIVHKDIKPG NLLLTGGTL KISDLGVAEA LHPFAADDTC RTSQGSPAFQ PPEIANGLDT FSGFKVDIWS AGVTLYNITT GLYPFEGDNI YKLFENIGKG SYAIPGDCGP PLSDLLKGM L EYEPKRFSI RQIRQHSWFR KKHPPAEAPV PIPSPDTKD RWRSM TVVPY LEDLHGADED EDLFDIEDDI IYTDFTVPG QVPEEEASHN GQRRGLPKAV CMNGTEAAQL STKSRAEGRA PNPARKACSA SSKIRRLSAC
Source	E.coli
Target Names	STK11
Protein Names	Recommended name: Serine/threonine-protein kinase STK11 EC= 2.7.11.1 Alternative name(s): Liver kinase B1 Short name= LKB1 Short name= hLKB1 Renal carcinoma antigen NY-REN-19
Expression Region	1-430
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, which encodes a member of the serine/threonine kinase family, regulates cell polarity and functions as a tumor suppressor. Mutations in this gene have been associated with Peutz-Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

**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

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