



Recombinant Human STE20-related kinase adapter protein beta (STRADB)

Product Code	CSB-EP874868HU-B
Abbreviation	STRADB
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.	Q9C0K7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSLLDCFCTS RTQVESLRPE KQSETSIHQY LVDEPTLSWS RPSTRASEVL CSTNVSHYEL QVEIGRFDN LTSVHLARHT PTGTLVTIKI TNLENCNEER LKALQKAVIL SHFFRHPNIT TYWTVFTVGS WLWVISPFA YGSASQLLRT YFPEGMSETL IRNILFGAVR GLNYLHQNGC IHRSIKASHI LISGDGLVTL SGLSHLHSLV KHGQRHRAVY DFPQFSTSVQ PWLSPELLRQ DLHGYNVKSD IYSVGITACE LASGQVPFQD MHRTQMLLQK LKGPPYSPLD ISIFPQSESR MKNSQSGVDS GIGESVLVSS GTHTVNSDRL HTPSSKTFSP AFFSLVQLCL QQDPEKRPSA SLLSHVFFK QMKEESQDSI LLLPPAYNK PSISLPPVLP WTEPECDFPD EKDSYWEF
Source	E.coli
Target Names	STRADB
Protein Names	Recommended name: STE20-related kinase adapter protein beta Short name= STRAD beta Alternative name(s): Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 2 protein CALS-21 ILP-interacting protein Pseudokinase ALS
Expression Region	1-418
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 belongs to the serine/threonine protein kinase STE20 subfamily. One of the active site residues in the protein kinase domain of this protein is altered, and it is thus a pseudokinase. This protein is a component of a complex involved in the activation of serine/threonine kinase 11, a master kinase that regulates cell polarity and energy-generating metabolism. This complex regulates the relocation of this kinase from the nucleus to the cytoplasm, and it is essential for G1 cell cycle arrest mediated by this kinase.



This protein can also interact with the X chromosome-linked inhibitor of apoptosis protein, and this interaction enhances the anti-apoptotic activity of this protein via the JNK1 signal transduction pathway. Two pseudogenes, located on chromosomes 1 and 7, have been found for this gene.

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.