



# Recombinant Mouse STE20-related kinase adapter protein alpha (Strada)

<b>Product Code</b>	CSB-EP668894MO
<b>Abbreviation</b>	Strada
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q3UUJ4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSFLVSKPER IRRWSEKFI VEGLRDLELF GEQPPGDTRR KANEASSESI ASFSKPEMMS SFLPEGGCYE LLTIIGKGF DLMTVNLARY KPTGEYVTVR RINLEACSNE MVTFLQGELH VSKLFSHPNI VPYRATFIAD NELWVTSFM AYGSAKDLIG THFMDGMNEL AIAYILQGV L KALDYIHHMG YVHRSVKASH ILISTDGKVY LSGLRSNLSM ISHGQRQRAV HDFPKYSIKV LPWLSPEVLQ QNLQGYDAKS DIYSVGITAC ELANGHVPFK DMPATQMLLE KLNGTVPCLL DTSTIPAEEL TMSPRSIAN PGLNDSLAA G SLRPSNGDSP SHPYHRTFSP HFHNFVEQCL QRNPDPARNA STLLNHSFFK QIKRRASEAL PELLRPVTPI TNFEQSQSQD HSGIFGLVTN LEDLEVDDWE F
<b>Source</b>	E.coli
<b>Target Names</b>	Strada
<b>Protein Names</b>	Recommended name: STE20-related kinase adapter protein alpha Short name= STRAD alpha Alternative name(s): STE20-related adapter protein
<b>Expression Region</b>	1-431
<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 protein contains a STE20-like kinase domain, but lacks several residues that are critical for catalytic activity, so it is termed a pseudokinase . The protein forms a heterotrimeric complex with serine/threonine kinase 11 (STK11, also known as LKB1) and the scaffolding protein calcium binding protein 39 (CAB39, also known as MO25). The protein activates STK11 leading to the phosphorylation of both proteins and excluding STK11 from the nucleus. The protein is necessary for STK11-induced G1 cell cycle arrest. A mutation in this gene has been shown to result in polyhydramnios, megalencephaly, and symptomatic epilepsy (PMSE) syndrome. Multiple transcript variants encoding



different isoforms have been found for this gene. Additional transcript variants have been described but their full-length nature is not known.

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**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.

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