SunLong Biotech Co.,LTD
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Recombinant Serine/Threonine Kinase 11 (STK11)

Catalog Number: SIPH073Mu01 **Spec: 10ug**

Product Name	Recombinant Serine/Threonine Kinase 11 (STK11)
Catalog Number	SIPH073Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Tyr49~Phe309
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Mitochondrion, Cytoplasm
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	8.1
Predicted Molecular Mass	33.4kDa
Accurate Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

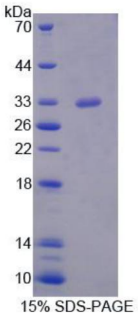
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MGDLLGEGSY GKVKEVLDSE TLCRRAVKIL KKKKLRRIPN GEANVKKEIQ YL
LLRRLRHRNV IQLVDVLYNE EKQKMYMVME YCVCGMQEML DSVPEKRFPV
CQAHGYFRQL IDGLEYLHSQ GIVHKDIKPG NLLLTTNGTL KISDLGVAEA
LHPFAVDDTC RTSQGSPAFQ PPEIANGLDT FSGFKVDIWS AGVTLYNITT
GLYPFEGDNI YKLFENIGRG DFTIPCDCGP PLSDLLRGML EYEPAKRFSI
RQIRQHSWF

[IDENTIFICATION]



15% SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.