

# Recombinant human STRADA protein

Catalog Number: ATGP2722

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-314aa

### UniProt No.

Q7RTN6

### NCBI Accession No.

NP\_001159441

### Alternative Names

STE20-related kinase adapter protein alpha isoform 5, LYK5, NY-BR-96, PMSE, StIk, STRAD

## PRODUCT SPECIFICATION

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### Molecular Weight

37 kDa (337aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

STE20-related kinase adapter protein alpha isoform 5, also known as STRADA, is a member of STE-20 like kinase family are known to stimulate MAPK pathways by directly activating MAPKKK. It functions as an upstream activator of LKB1 and also directs the sub-cellular localization of LKB1 by anchoring it in the cytoplasm. STRADA-LKB1 interaction results in phosphorylation of STRADA and enhanced autophosphorylation of LKB1. Recombinant human STRADA protein, fused to His-tag at N-terminus, was expressed in E. coli.

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## Amino acid Sequence

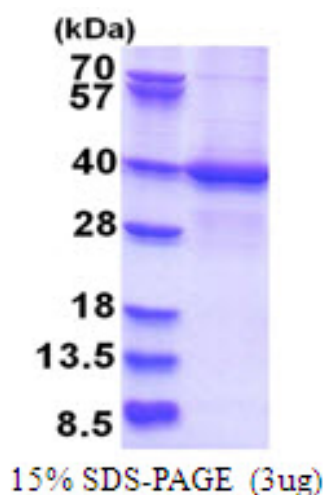
MGSSHHHHHH SSSLVPRGSH MGSMSFLVSK PERIRTNDAS SESIASFSKQ EVMSSFLPEG GCYELTVIG KGFEDLMTVN  
LARYKPTGEY VTVRRINLEA CSNEMVTFLQ GELHVSCLFN HPNIVPYRAT FIADNELWVV TSFMAYGSAK DLICHTFMDG  
MNELAIAYIL QGVLKALDYI HHMGYVHRVS KASHILISVD GKVYLSGLRS NLSMISHGQR QRVVHDFPKY SVKVLPLWSP  
EVLQQNLQGY DAKSDIYVSG ITACELANGH VPFKDMPATQ MLEKLNGTV PCLLDTSTIP AEELTMSPSR SVANGLSDS  
LTTSTPRPSN GPVPAPS

## General References

Avizienyte E., et al. (1998) Cancer Res. 58: 2087-2090.  
Baas A F., et al. (2003) EMBO J. 22: 3062-3072.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.