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## Product Data Sheet

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Product Name: STRADA Human  
 Cat. No.: GP24728  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	LYK5; NY-BR-96; PMSE; Stlk; STRAD; STE20-related kinase adapter protein alpha; STRAD alpha; STE20-related adapter protein; Serologically defined breast cancer antigen NY-BR-96; STRADA.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSFLVSK PERIRTNDAS SESIASFSKQ EVMSSFLPEG GCYELLTVIG KGFEDLMTVN LARYKPTGEY VTVRRINLEA CSNEMVTFLQ GELHVSKLFN HPNIVPYRAT FIADNELWVV TSFMAYGSAK DLICTHFMDG MNELAIAYIL QGVLKALDYI HHMGYVHRVS KASHILISVD GKVYLSGLRS NLSMISHGQR QRVVHDFPKY SVKVLPWLSP EVLQQNLQGY DAKSDIYSVG ITACELANGH VPFKDMPATQ MLLEKLNGTV PCLLDTSTIP AEELTMSPSR SVANSGLSDS LTTSTPRPSN GPVPAPS.		
Formulation	STRADA protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

### Introduction

STE20-Related Kinase Adaptor Alpha (STRADA) is a part of the STE- 20 like kinase family which stimulates MAPK pathways by activating MAPKKK. STRADA is an upstream activator of LKB1 and also leads the sub-cellular localization of LKB1 by fixing it in the cytoplasm. The interaction between STRADA-LKB1 leads to phosphorylation of STRADA and enhanced autophosphorylation of LKB1.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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STRADA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-314a.a) and having a molecular mass of 37kDa. STRADA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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