

**STRADA, 1-314aa, Human, His tag, E.coli**

**Cat.NO.: TP04071**

3th Edition

**Synonyms:**STE20-related kinase adapter protein alpha isoform 5, LYK5, NY-BR-96, PMSE, Stlk, STRAD

**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**37 kDa (337aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMFLVSKPERIRTNDASSESIASFQKQEVMSFLPEGGCYELLTVIGKGFEDL  
MTVNLARYKPTGEYVTVRRINLEACSNEVMVTFMQGELHVSCLFNHPNIVPYRATFIADNELWVVTSMAYGSAKDLI  
CTHFMDGMNELAIAYILQGVKALDYIHHMGYVHRSVKASHILISVDGKVYLSGLRSNLSMISHGQRQRVVHDFPKY  
SVKVLPLWSPEVLQQNLQGYDAKSDIYVSGITACELANGHVLPFKDMPATQMLLEKLNGTVPCLLDTSTIPAEELTMS  
PSRSVANSGLSDSLTTSTPRPSNGPVPAPS

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.