

Recombinant Human STRADA Protein, His-tagged

Cat. No. STRADA-449H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STRADA, transcript variant 3, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene 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.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrade entigradeentigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	38.4 kDa

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Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name STRADA STE20-related kinase adaptor alpha [Homo sapiens]

Official Symbol STRADA

Synonyms STRADA; STE20-related kinase adaptor alpha; STE20-related kinase adapter protein alpha; LYK5; NY BR 96; STE20 like pseudokinase; Stlk; STRAD; STRAD alpha; protein kinase LYK5; STE20-like pseudokinase; serologically defined breast cancer antigen NY-BR-96; PMSE; NY-BR-96; FLJ90524;

Gene ID 92335

mRNA Refseq NM_001003786

Protein Refseq NP_001003786

MIM 608626

UniProt ID Q7RTN6

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