

Recombinant Human STRADA

Catalog No: #GP11726



Package Size: #GP11726-1 100ug

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Description

Product Name	Recombinant Human STRADA
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	STE20-related kinase adaptor alpha
Other Names	LYK5; PMSE; Stk; STRAD; NY-BR-96
Accession No.	Swissprot:Q7RTN6Gene Accession:BC043641
Uniprot	Q7RTN6
GeneID	92335;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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