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Product datasheet for AR51772PU-N

STK11 (1-433, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	STK11 (1-433, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEVVDPQ QLGMFTEGEL MSVGMDTFIH RIDSTEVIYQ PRRKRAKLIG KYLMGDLLGE GSYGKVKEVL DSETLCRRAV KILKKKKLRR IPNGEANVKK EIQLLRRLRH KNVIQLVDVL YNEEKQKMYM VMEYCVCGMQ EMLDSVPEKR FPVCQAHGYF CQLIDGLEYL HSQGIVHKDI KPGNLLLTTG GTLKISDLGV AEALHPFAAD DTCRTSQGSP AFQPPEIANG LDTFSGFKVD IWSAGVTLYN ITTGLYPFEG DNIYKLFENI GKGSYAIPGD CGPPLSDLLK GMLEYEPAKR FSIRQIRQHS WFRKKHPPAE APVPIPPSPD TKDRWRSMTV VPYLEDLHGA DEDEDLFDIE DDIIYTQDFT VPGQVPEEEA SHNGQRRGLP KAVCMNGTEA AQLSTKSRAE GRAPNPARKA CSASSKIRRL SACKQQ
Tag:	His-tag
Predicted MW:	51.0 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% Glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human STK11 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000446
Locus ID:	6794
UniProt ID:	Q15831, A0A0S2Z4D1
Cytogenetics:	19p13.3

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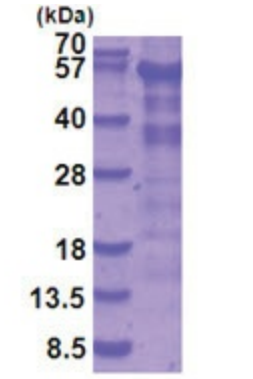
Synonyms: hLKB1; LKB1; PJS

Summary: This gene, which encodes a member of the serine/threonine kinase family, regulates cell polarity and functions as a tumor suppressor. Mutations in this gene have been associated with Peutz-Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Adipocytokine signaling pathway, mTOR signaling pathway

Product images:



15% SDS-PAGE (3ug)