

## Product datasheet for AR51772PU-N

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## 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** 

MGSSHHHHHH SSGLVPRGSH MGSMEVVDPQ QLGMFTEGEL MSVGMDTFIH RIDSTEVIYQ or AA Sequence:

PRRKRAKLIG KYLMGDLLGE GSYGKVKEVL DSETLCRRAV KILKKKKLRR IPNGEANVKK EIOLLRRLRH

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: This purified protein is available in a denatured form, making it less

suitable for functional studies. Denatured proteins are better suited for applications like

Western Blot (WB) or imaging assays.

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.

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Storage:

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 000446

Locus ID: 6794





 UniProt ID:
 Q15831

 Cytogenetics:
 19p13.3

Synonyms: Serine/threonine-protein kinase 11, LKB1, PJS, NY-REN-19

Summary: This gene, which encodes a member of the serine/threonine kinase family, regulates cell

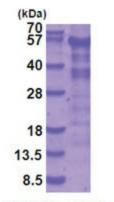
polarity and functions as a tumor suppressor. Mutations in this gene have been associated with Peutz-Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms. Alternate transcriptional 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)