

# Product datasheet for AR50046PU-S

# OriGene Technologies, Inc.

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### SUFU / SUFUH (1-484, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** SUFU / SUFUH (1-484, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MAELRPSGAP GPTAPPAPGP TAPPAFASLF PPGLHAIYGE CRRLYPDQPN PLQVTAIVKY WLGGPDPLDY VSMYRNVGSP SANIPEHWHY ISFGLSDLYG DNRVHEFTGT DGPSGFGFEL TFRLKRETGE SAPPTWPAEL MQGLARYVFQ SENTFCSGDH

VSWHSPLDNS ESRIQHMLLT EDPQMQPVQT PFGVVTFLQI VGVCTEELHS AQQWNGQGIL ELLRTVPIAG GPWLITDMRR GETIFEIDPH LQERVDKGIE TDGSNLSGVS AKCAWDDLSR PPEDDEDSRS ICIGTQPRRL SGKDTEQIRE TLRRGLEINS KPVLPPINPQ RQNGLAHDRA

PSRKDSLESD SSTAIIPHEL IRTRQLESVH LKFNQESGAL IPLCLRGRLL HGRHFTYKSI TGDMAITFVS TGVEGAFATE EHPYAAHGPW LQILLTEEFV EKMLEDLEDL TSPEEFKLPK EYSWPEKKLK VSILPDVVFD

**SPLH** 

Tag:His-tagPredicted MW:56.1 kDaConcentration:lot specific

Purity: >90% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 10% glycerol, 50 mM

NaCl

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human SUFU protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

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.

**RefSeg:** NP 001171604

**Locus ID:** 51684



#### SUFU / SUFUH (1-484, His-tag) Human Protein - AR50046PU-S

UniProt ID: Q9UMX1

Cytogenetics: 10q24.32

Synonyms: Suppressor of fused homolog

Summary: The Hedgehog signaling pathway plays an important role in early human development. The

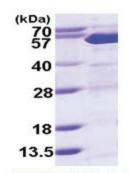
pathway is a signaling cascade that plays a role in pattern formation and cellular proliferation during development. This gene encodes a negative regulator of the hedgehog signaling pathway. Defects in this gene are a cause of medulloblastoma. Alternative splicing results in

multiple transcript variants.[provided by RefSeq, May 2010]

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Basal cell carcinoma, Hedgehog signaling pathway, Pathways in cancer

### **Product images:**



15% SDS-PAGE (3ug)