

## Product datasheet for **AR50046PU-S**

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

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	SUFU / SUFUH (1-484, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MAELRPSGAP GPTAPPAPGP TAPPAFASLF PPGLHAIYGE CRRLYPDQPN PLQVTAIVKY WLGGPDPLDY VSMYRNVGSP SANIPEHWHY ISFGLSDLYG DNRVHEFTGT DGPSGFGFEL TFRKRETEGE SAPPTWPAEL MQGLARYVFQ SENTFCSGDH VSWHSPDNS ESRIQHMLLT EDPQMOPVQT PFGVVTFLQI VGVCTEELHS AQQWNGQGIL ELLRTVPIAG GPWLITDMRR GETIFEIDPH LQERVDKIE TDGSNLSGVS AKCAWDDLSR PPEDDEDSRS ICIQTQPRRL SGKDTEQIRE TLRRGLEINS KPVLPINPQ RQNGLAHDRA PSRKDSLESD SSTAIPHEL IRTQLESVH LKFNQESGAL IPLCLRLL HGRHFTYKSI TGDMAITFVS TGVEGAFATE EHPYAAHGPW LQILLTEEFV EKMLELDEL TSPEEFKLPK EYSWPEKCLK VSILPDVDFD SPLH
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	56.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	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
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human SUFU protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001171604</a>
<b>Locus ID:</b>	51684



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UniProt ID:	<a href="#">Q9UMX1</a>
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:**