

Product datasheet for AR50046PU-N

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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

Product data:

Product Type: Recombinant Proteins

Description: SUFU / SUFUH (1-484, His-tag) human recombinant protein, 0.5 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

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-tag
Predicted MW: 56.1 kDa
Concentration: 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



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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

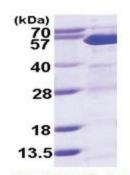
pathway is a signaling cascade that plays a role in pattern formation and cellular proliferation during development. This gene encodes a negative regulator of the hedgehog signaling pathway. Defects in this gene are a cause of medulloblastoma. Alternative splicing results in

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)