

## 32-5003: Recombinant Human Suppressor of Fused Homolog

**Alternative Name :** Suppressor of fused homolog,SUFUH,SUFU,UNQ650/PRO1280,SUFUXL,PRO1280.

### Description

Source : Escherichia Coli. SUFU Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 504 amino acids (1-484 a.a.) and having a molecular mass of 56.1kDa.SUFU is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Suppressor of fused homolog (SUFU) is a member of the SUFU family. SUFU is a negative regulator of the hedgehog signaling pathway. SUFU interacts with GLI1, GLI3 and PEX26. Defects in the SUFU gene are a cause of medulloblastoma.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	SUFU protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 50mM NaCl.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MAELRPSGAP GPTAPPAPGP TAPPAFASLF PPGLHAIYGE CRRLYPDQPN PLQVTAIVKY WLGGPDPLDY VSMYRNVGSP SANIPEHWHY ISFGLSDLYG DNRVHEFTGT DGPSGFGFEL TFRLKRETGE SAPPTWPAEL MQGLARYVFQ SENTFCSGDH VSWHSPLDNS ESRIQHMLLT EDPQMOPVQT PFGVVTFLQI VGVCTEELHS AQQWNGQGIL ELLRTVPIAG GPWLITDMRR GETIFEIDPH LQERVDKGIE TDGSNLSGVS AKCAWDDLRS PPEDDEDSRS ICIQTQPRRL SGKDEQIRE TLRRGLEINS KPVLPINPQ RQNGLAHDRA PSRKDSLESD SSTAIIPHEL IRTQLESVH LKFNQESGAL IPLCLRGRLL HGRHFTYKSI TGDMAITFVS TGVEGAFATE EHPYAAHGPW LQILLTEEFV EKMLEDLLEDL TSPEEFKLPK EYSWPEKKLK VSILPDVVFD SPLH.

