

## 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 PPG LHAIYGE CRRLYPDQPN<br>PLQVTAIVKY WLGGPDPLDY VSMYRNVGSP SANIPEHWHY ISFGLSDLYG DNRVHEFTGT DGPSGFGFEL<br>TFR LKRETGE SAPPTWPAEL MQGLARYVFQ SENTFCSGDH VSWHSPLDNS ESRIQHMLLT<br>EDPQM QPVQT PFGVVTFLQI VGVCTEELHS AQQWNGQGIL ELLRTVPIAG GPWLITDMRR GETIFEIDPH<br>LQERVDKIE TDGSNLSGVS AKCAWDDLRS PPEDEDSRS ICIGTQPRRL SGKDTEQIRE TLRRGLEINS<br>KPVLP PINPQ RQNGLAHDRA PSRKDSLES D SSTAIPHEL IRTQLESVH LKFNQESGAL IPLCLRGRLL<br>HGRHFTYKSI TGDMAITFVS TGVEGAFATE EHPYAAHGPW LQILLTEEFV EKMLEDLEDL TSPEEFKLPK<br>EYSWPEKCLK VSILPDVVFD SPLH. |

