9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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SUFU Human

Suppressor of Fused Homolog Human Recombinant
RCP2291

Product Overview

Name	SUFU Human
Description	
Suppressor of Fused Homolog Human Recombinant	
Accession (Primary)	Q9UMX1
Synonyms	
Suppressor of fused homolog, SUFUH, SUFU, UNQ650/PRO1280, SUFUXL, PRO1280.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SUFU protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 50mM NaCl.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid 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	

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TGDMAITFVS TGVEGAFATE EHPYAAHGPW LQILLTEEFV EKMLEDLEDL TSPEEFKLPK EYSWPEKKLK VSILPDVVFD SPLH.

Precautions

SUFU Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UMX1)