

Recombinant Human SKIL

Cat. No. SKIL-27723TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SnoN with a N terminal proprietary tag: predicted molecular weight 101.31 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	684 amino acids
Description	The protein encoded by this gene is a component of the SMAD pathway, which regulates cell growth and differentiation through transforming growth factor-beta (TGFB). In the absence of ligand, the encoded protein binds to the promoter region of TGFB-responsive genes and recruits a nuclear repressor complex. TGFB signaling causes SMAD3 to enter the nucleus and degrade this protein, allowing these genes to be activated. Four transcript variants encoding three different isoforms have been found for this gene.
Molecular Weight	101.310kDa
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MENLQTNFSLVQGSTKKLNGMGDDGSPPAKKMITDIHVNG KTINKVPTVKKEHLDD YGEAPVETDGEHVKRTCTSVPETL HLNPSLKHTLAQFHLSSQSSLGGPAAFSARHS QESMSPTV FLPLPSPQVLPGLIPSDSSTELTQTVLEGESISCFQVG GEKRLCLPQ VLNSVLREFTLQQINTVCDELYIYCSRCTSD QLHILKVLGILPFNAPSCGLITLTAQR LCNALLRPRTFP QNGSVLPKSSLAQLKETGSAFEVEHECLGKCQGLFAPQF YVQ PDAPCIQCLECCGMFAPQTFVMHSHRSPDKRTCHWGF ESAKWHCYLHVNQKYL TPEEKKLKIILEEMKEKFMSRSG KRNQSKTDAPSGMELQSWYPVIKQEGDHVSQTH SFLHPSY YLYMCDKVVPNVSLTSAVSQSKELTKTEASKSISRQSEK AHSSGKLQK TVSYPDVSLEEQEKMDLKTSRELCSRLDASI SNNSTSKRKSESATCNLVRDINKVGI GLVAAASSPLLVD VICEDDKGKIMEEVMRTYLYKQKEKLNILQKKQQLQMEVK ML SSSKSMKELTEEQQNLQKELESQNEHAQRMEEFYVEQ KDLEKKLEQIMKQKCTC DSNLEKDKEAEYAGQLAELRQRL DHAEADRQELQDELQREREARQKLEMMIKELK LQILKSSK TAKE

GENE INFORMATION

Gene Name	SKIL SKI-like oncogene [Homo sapiens]
Official Symbol	SKIL
Synonyms	SKIL; SKI-like oncogene; ski-like protein; SNO; SnoA; SnoN;
Gene ID	6498
mRNA Refseq	NM_001145098
Protein Refseq	NP_001138570

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MIM	165340
Uniprot ID	P12757
Chromosome Location	3q26
Pathway	Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem; TGF Beta Signaling Pathway, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem; TGF-beta receptor signaling, organism-specific biosystem;
Function	NOT DNA binding; SMAD binding; chromatin binding; chromatin binding; nucleotide binding;

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