

Recombinant Full Length Human SKIL Protein

Cat. No. SKIL-478HF **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	In Vitro Cell Free System
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.
Form	Liquid
Molecular Mass	101.310kDa
AA Sequence	MENLQTNFSLVQGSTKKLNGMGDDGSPPAKKMITDIHVNG KTINKVPTVKKEHLDD YGEAPVETDGEHVKRTCTSVPETL HLNPSLKHTLAQFHLSSQSSLGGPAAFSARHS QESMSPTV FLPLPSPQVLPGLLIPSDSSTELTQTVLEGESISCFQVG GEKRLCLPQ VLNSVLREFTLQQINTVCDELYIYCSRCTSD QLHILKVLGILPFNAPSCGLITLTDAGR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LCNALLRPRTFP QNGSVLPKSSSLAQLKETGSAFEVEHECLGKCQGLFAPQF YVQ
 PDAPCIQCLECCGMFAPQTFVMHSHRSPDKRTCHWGF ESAKWHCYLHVNQKYL
 TPEEKKLKIILEEMKEKFSMRSG KRNQSKTDAPSGMELQSWYPVIKQEGDHVSQTH
 SFLHPSY YLYMCDKVVPNVSLTSAVSQSKELTKTEASKSISRQSEK AHSSGKLQK
 TVSYDPDVSLEEQEKMDLKTSRELCSRLDASI SNNSTSKRKSESATCNLVRDINKVGI
 GLVAAASSPLLVKD VICEDDKGKIMEEVMRTYLKQQEKLNLILQKKQQLQMEVK ML
 SSSKSMKELTEEQQNLQKELESLQNEHAQRMEEFYVEQ KDLEKKLEQIMKQKCTC
 DSNLEKDKEAEYAGQLAELRQRL DHAADRQELQDELQREARQKLEMMIKELK
 LQILKSSK TAKE

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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
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UniProt ID	P12757
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