



SKIL blocking peptide (CDBP6164)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Oct 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SKIL SKI-like proto-oncogene [Homo sapiens (human)]
Official Symbol	SKIL
Synonyms	SKIL; SKI-like proto-oncogene; SNO; SnoA; SnoI; SnoN; ski-like protein; SKI-like oncogene; ski-related oncogene snoN
Entrez Gene ID	6498

mRNA Refseq	NM_001145097
Protein Refseq	NP_001138569
UniProt ID	P12757
Pathway	Disease; Downregulation of SMAD2/3:SMAD4 transcriptional activity; Gene Expression; Generic Transcription Pathway; Loss of Function of SMAD2/3 in Cancer; Loss of Function of SMAD4 in Cancer; Loss of Function of TGFBR1 in Cancer; Loss of Function of TGFBR2 in Cancer
Function	NOT DNA binding; SMAD binding; SMAD binding; chromatin binding; chromatin binding; protein binding; protein complex binding; protein domain specific binding; transcription corepressor activity