

Product datasheet for RC227644L3V

OriGene Technologies, Inc.

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SnoN (SKIL) (NM_001145097) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: SnoN (SKIL) (NM_001145097) Human Tagged ORF Clone Lentiviral Particle

Symbol: SnoN

Synonyms: SNO; SnoA; SnoI; SnoN

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

ACCN: NM_001145097

ORF Size: 1914 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC227644).

Sequence:

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through

naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: NM 001145097.1, NP 001138569.1

 RefSeq ORF:
 1917 bp

 Locus ID:
 6498

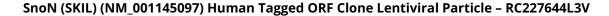
 UniProt ID:
 P12757

Cytogenetics: 3q26.2

Protein Families: Druggable Genome, Transcription Factors

MW: 71.6 kDa







Gene Summary:

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]