

Recombinant Human SNW1, His-tagged

Cat. No. SNW1-29295TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 271-536 of Human NCOA62 with an N terminal His tag. Predicted MWt: 32.
Species	Human
Source	E.coli
ProteinLength	271-536 a.a.
Description	This gene, a member of the SNW gene family, encodes a coactivator that enhances transcription from some Pol II promoters. This coactivator can bind to the ligand-binding domain of the vitamin D receptor and to retinoid receptors to enhance vitamin D-, retinoic acid-, estrogen-, and glucocorticoid-mediated gene expression. It can also function as a splicing factor by interacting with poly(A)-binding protein 2 to directly control the expression of muscle-specific genes at the transcriptional level. Finally, the protein may be involved in oncogenesis since it interacts with a region of SKI oncoproteins that is required for transforming activity.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 57 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	DGRGLQTVHINENFAKLAEALYIADRKAREAVEMRAQVER KMAQKEKEKHEEKLRE MAQKARERRAGIKTHVEKEDGE ARERDEIRHRRKERQHDRNLSRAAPDKRSKLQ RNENR DISEVIALGVPNPRTSNEVQYDQRLFNQSKGMDSGFAG GEDEIYNVYDQA WRGGKDMAQSIYRPSKNLDKDMYGDDLE ARIKTNRFPDPKEFSGSDRRQREG PVQFEEDPFGLD KFLLEAKQHGGSKRPSDSSRPKEHEHEGKKRRKE
GENE INFORMATION	
Gene Name	SNW1 SNW domain containing 1 [Homo sapiens]
Official Symbol	SNW1
Synonyms	SNW1; SNW domain containing 1; SKI interacting protein , SKIIP; SNW domain-containing protein 1; Bx42; NCoA 62; Prp45; PRPF45; SKIP;
Gene ID	22938
mRNA Refseq	NM_012245
Protein Refseq	NP_036377
MIM	603055
Uniprot ID	Q13573
Chromosome Location	14q22.1-q22.3
Pathway	Delta-Notch Signaling Pathway, organism-specific biosystem; Gene Expression,

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organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; NICD traffics to nucleus, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem;

Function

Notch binding; protein binding;

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