Recombinant Human SNAI1

Cat. No. SNAI1-30016TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 121-230 of Human SNAIL with a N terminal proprietary tag; predicted MWt 37.73 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Description	The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregulates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by this gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for mesoderm formation in the developing embryo. At least two variants of a similar processed pseudogene have been found on chromosome 2.
Molecular Weight	37.730kDa inclusive of tags
Tissue specificity	Expressed in a variety of tissues with the highest expression in kidney. Expressed in mesenchymal and epithelial cell lines.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	LEAEAYAAFPGLGQVPKQLAQLSEAKDLQARKAFNCKYCN KEYLSLGALKMHIRSH TLPCVCGTCGKAFSRPWLLQGHVR THTGEKPFSCPHCSRAFADRSNLRAHLQTH
Sequence Similarities	Belongs to the snail C2H2-type zinc-finger protein family.Contains 4 C2H2-type zinc fingers.

GENE INFORMATION

Gene Name	SNAI1 snail homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	SNAI1
Synonyms	SNAI1; snail homolog 1 (Drosophila); snail 1 (drosophila homolog), zinc finger protein; zinc finger protein SNAI1; SLUGH2; SNA; SNAH; SNAIL; SNAIL1;
Gene ID	6615
mRNA Refseq	NM_005985
Protein Refseq	NP_005976
MIM	604238
Uniprot ID	O95863
Chromosome Location	20q13.2

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Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Signaling events mediated by Hepatocyte Growth Factor Receptor (c-Met), organism-specific biosystem; Validated targets of C-MYC transcriptional activation, organism-specific biosystem;
Function	kinase binding; metal ion binding; protein binding; sequence-specific DNA binding; zinc ion binding;

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