

## Recombinant Human SNAI1, MYC/DDK-tagged

Cat. No. SNAI1-16H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SNAI1, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	28.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

**Gene Name** SNAI1 snail homolog 1 (Drosophila) [ Homo sapiens ]

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<b>Official Symbol</b>	SNAI1
<b>Synonyms</b>	SNAI1; snail homolog 1 (Drosophila); snail 1 (drosophila homolog), zinc finger protein; zinc finger protein SNAI1; SLUGH2; SNA; SNAH; SNAIL; SNAIL1; protein sna; snail 1 homolog; protein snail homolog 1; snail 1 zinc finger protein; snail 1, zinc finger protein; dJ710H13.1
<b>Gene ID</b>	6615
<b>mRNA Refseq</b>	NM_005985
<b>Protein Refseq</b>	NP_005976
<b>MIM</b>	604238
<b>UniProt ID</b>	O95863
<b>Chromosome Location</b>	20q13.2
<b>Pathway</b>	Adherens junction; Signaling events mediated by Hepatocyte Growth Factor Receptor (c-Met); Validated targets of C-MYC transcriptional activation
<b>Function</b>	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; kinase binding; metal ion binding; protein binding; sequence-specific DNA binding

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