

Recombinant Human SNAI1, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SNAI1, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 Mass	28.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	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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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; protein sna; snail 1 homolog; protein snail homolog 1; snail 1 zinc finger protein; snail 1, zinc finger protein; dJ710H13.1
Gene ID	6615
mRNA Refseq	NM_005985
Protein Refseq	NP_005976
MIM	604238
UniProt ID	O95863
Chromosome Location	20q13.2
Pathway	Adherens junction; Signaling events mediated by Hepatocyte Growth Factor Receptor (c-Met); Validated targets of C-MYC transcriptional activation
Function	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