

Recombinant Human SNAI2, His-tagged

Cat. No. SNAI2-58H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SNAI2, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	SNAI2 also known as Zinc finger protein SNAI2. This protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. SNAI2 is involved in epithelial-mesenchymal transitions and has antiapoptotic activity.
Form	Liquid, In 20mM Tris-HCl Buffer (pH8.0) containing 10% glycerol
Molecular Mass	32.4kDa (291aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPRSFLV KKHFNASKKP NYSELDTHTV IISPYLYESY SMPVIPQPEI LSSGAYSPIT VWTAAPFHA QLPNGLSPLS GYSSSLGRVS PPPPSDTSSK DHSGSESPIS DEEERLQSKL SDPHAIEAEK FQC�LNCNTY STFSGLAKHK QLHCDAQSRK SFSCYKCDKE YVSLGALKMH IRTHTLPCVC KICGKAFSRP WLLQGHIRTH TGEKPFSCPH CNRAFADRSN LRAHLQTHSD VKKYQCKNCS KTFSRMSLLH KHEESGCCVA H
Purity	>80% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store

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at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [SNAI2 snail homolog 2 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol SNAI2

Synonyms

SNAI2; snail homolog 2 (Drosophila); SLUG, slug homolog, zinc finger protein (chicken); zinc finger protein SNAI2; SLUGH1; SNAIL2; protein snail homolog 2; neural crest transcription factor SLUG; slug (chicken homolog), zinc finger protein; SLUG; WS2D; MGC10182;

Gene ID [6591](#)

mRNA Refseq [NM_003068](#)

Protein Refseq [NP_003059](#)

MIM [602150](#)

UniProt ID [O43623](#)

Chromosome Location 8q11.21

Pathway

Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Direct p53 effectors, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific

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biosystem; Signaling events mediated by Stem cell factor receptor (c-Kit), organism-specific biosystem;

Function

RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; chromatin binding; metal ion binding; sequence-specific DNA binding; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; zinc ion binding;

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