

## Recombinant Human SNAI2 protein, GST-tagged

**Cat. No.** SNAI2-2829H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SNAI2 protein(1-268 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-268 aa                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | MPRSFLVKKHFNASKKPNYSELDTHTVIISPYLYESYSMPVIPQPEILSSGAYSPITVW<br>TTAAPFHAQLPNGLSPLSGYSSSLGRVSPPPSDTSSKDHSGSESPISDEEERLQSK<br>LSDPHAIEAEKFQCNLCNKTYSTFSGLAKHKQLHCDAQSRKSFCKYCDKEYVSLG<br>ALKMHIRTHTLPCVCKICGKAFSRPWLLQGHIRTHTGEKPFSCPHCNRAFADRSNLR<br>AHLQTHSDVKKYQCKNCSKTFSRMSLLHKHEESGCCVAH                                                                                                   |
| <b>Purity</b>           | 75%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid                                                                                                                                                                                                                   |

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repeat freeze-thaw cycles.

#### Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## 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](#)

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