

# Recombinant Human SNAI1 Protein (Met1-Arg264), His tagged

**Cat. No.** SNAI1-3405H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human SNAI1 (Met1-Arg264) protein fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Arg264
<b>Description</b>	<p>The Snail family transcriptional repressor 1 (SNAI1) is known to promote metastatic phenotypes in renal cell carcinoma (RCC). Targeting the miR-211-5p/SNAI1 signaling pathway may be a novel therapeutic approach for the treatment of RCC metastasis. Given its central role in EMT and tumor metastasis, the cell has evolved multiple levels of regulatory mechanism at transcriptional, post-transcriptional, and post-translational level to regulate SNAI1 expression. SNAI1, a zinc-finger transcription factor, plays an important role in the induction of epithelial-mesenchymal transition (EMT) in various cancers.</p>
<b>Molecular Mass</b>	30.71 kDa
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

**Storage Buffer** Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

**Reconstitution** Reconstitute in sterile water for a stock solution.

**Shipping** In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

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

**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](#)

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