

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

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

SPECIFICATION

Product Overview	Recombinant human SNAI1 (Met1-Arg264) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg264
Description	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.
Molecular Mass	30.71 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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	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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