



# Recombinant Rat Zinc finger protein SNAI2 (Snai2)

<b>Product Code</b>	CSB-EP021869RA-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O08954
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPRSFLVKKH FNASKKPNYS ELDTHTVIIS PYLCESYPMP VIPKPEILTS GAYSPITVWT SAVPFHSPLP SGLSPLTGY SSSLGRVSPLP SSDTSSKDHS GSESPISDEE ERLQPKLSDP HAIEAEKFQC NLCNKTYSTF SGLAKHKQLH CDAQARKSFS CKYCDKEYVS LGALKMHIRT HTLPCVCKIC GKAFSRPWL QGHIRTHTGE KPFSCPHCNR AFADRSNLRA HLQTHSDVKK YQCKNCSKTF SRMSLLHKHE ESGCCVAH
<b>Source</b>	E.coli
<b>Target Names</b>	Snai2
<b>Protein Names</b>	Recommended name: Zinc finger protein SNAI2 Alternative name(s): Neural crest transcription factor Slug Protein snail homolog 2
<b>Expression Region</b>	1-268
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. The encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mesenchymal transitions and has antiapoptotic activity. Mutations in this gene may be associated with sporadic cases of neural tube defects.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.