



Recombinant Rat Zinc finger protein SNAI2 (Snai2)

Product Code	CSB-EP021869RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08954
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	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
Source	E.coli
Target Names	Snai2
Protein Names	Recommended name: Zinc finger protein SNAI2 Alternative name(s): Neural crest transcription factor Slug Protein snail homolog 2
Expression Region	1-268
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.