

Recombinant Human SNAI2 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SNAI2 protein(1-268 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-268 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 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).
AASequence	MPRSFLVKKHFNASKKPNYSELDTHTVIISPYLYESYSMPVIPQPEILSSGAYSPITVW TTAAPFHAQLPNGLSPLSGYSSSLGRVSPPPSDTSSKDHSGSESPISDEEERLQSK LSDPHAIEAEKFQCNLCNKTYSTFSGLAKHKQLHCDAQSRKSFCKYCDKEYVSLG ALKMHIRTHTLPCVCKICGKAFSRPWLLQGHIRTHTGKPFSCPHCNRAFADRSNLR AHLQTHSDVKKYQCKNCSKTFSRMSLLHKHEESGCCVAH
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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SDS-PAGE



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