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**Product Data Sheet**


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Product Name: SNAI2 Human  
 Cat. No.: GP24621  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Snail Family Zinc Finger 2; SLUG; Protein Snail Homolog 2; WS2D; Slug Homolog; Zinc Finger Protein (Chicken); Slug (Chicken Homolog); Zinc Finger Protein; Neural Crest Transcription Factor SLUG; Neural Crest Transcription Factor Slug; Snail Homolog 2 (Drosophila); Zinc Finger Protein SNAI2; Snail Homolog 2; SLUGH1; SNAIL2; SLUGH; SNAI2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPRSFLV KKHFNASKKP NYSELDHTTV IISPYLYESY SMPVIPQPEI LSSGAYSPIT VWTAAPFHA QLPNGLSPLS GYSSSLGRVS PPPSDTSSK DHSGSESPIS DEEERLQSKL SDPHAIEAEK FQCNLCKNTY STFSGLAKHK QLHCDAQSRK SFCKYCDKE YVSLGALKMH IRTHTLPCVC KICGKAFSRP WLLQGHIRTH TGEKPFSCPH CNRAFADRSN LRAHLQTHSD VKKYQCKNCS KTFSRMSLLH KHEESGCCVA H		
Formulation	SNAI2 protein solution (0.5mg/ml) containing 20mM Tris-HCl Buffer (pH8.0) and 10% glycerol.		

**Introduction**

Snail Family Zinc Finger 2 also known as SNAI2 is a member of the snail C2H2-type zinc-finger protein family. SNAI2 acts as a transcriptional repressor which binds to E-box motifs and is as well likely to repress E-cadherin transcription in breast carcinoma. SNAI2 is implicated in epithelial-mesenchymal transitions furthermore, it has antiapoptotic activity.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

SNAI2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 291 amino acids (1-268 a.a) and having a molecular mass of 32.4kDa.SNAI2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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