

## 32-4871: Recombinant Human Snail Family Zinc Finger 1

**Alternative Name :** Snail Family Zinc Finger 1, Protein Sna, Protein Snail Homolog 1, SNAH, Snail 1 (Drosophila Homolog), Zinc Finger Protein, Snail Homolog 1 (Drosophila), SLUGH2, SNA, SNAIL, SNAIL1, dj710H13.1, Snail 1 Homolog, Snail 1 Zinc Finger Protein, Snail 1, Zi

### Description

Source : Escherichia Coli. SNAIL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 287 amino acids (1-264 a.a) and having a molecular mass of 31.5kDa. SNAIL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Snail homolog 1 (SNAIL1) is involved in induction of the epithelial to mesenchymal transition (EMT), formation and maintenance of embryonic mesoderm, growth arrest, survival and cell migration. SNAIL1 binds to 3 E-boxes of the E-cadherin gene promoter and represses its transcription. The nuclear protein encoded by SNAIL1 is structurally identical to the Drosophila snail protein, and is considered as well to be vital for mesoderm formation in the developing embryo. At least two variants of a similar processed pseudogene have been found on chromosome 2. Among the diseases associated with SNAIL1 are waardenburg syndrome type iid, and inappropriate adh syndrome.

### Product Info

**Amount :** 20 µg  
**Purification :** "Greater than 85% as determined by SDS-PAGE."  
**Content :** SNAIL1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.  
**Storage condition :** 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). Please avoid freeze thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMPRSFLV RKPSDPNRKP NYSELQDSNP EFTFQQPYDQ AHLAAIPPP EILNPTASLP MLIWDSVLAP QAQPIAWASL RLQESPRVAE LTSLSDEDSG KGSQPPSPPS PAPSFSSTS VSSLEAEAYA AFPGLGQVPK QLAQLSEAKD LQARKAFNCK YCNKEYLSLG ALKMHIRSHT LPCVCGTCGK AFSRPWLLQG HVRTHTGEKP FSCPHCSRAF ADRSNLRAHL QTHSDVKKYQ CQACARTFSR MSLHKKHVES GCSGCPR

