9051 Mira Mesa Blvd, #910094
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SNAI1 Human

Snail Family Zinc Finger 1 Human Recombinant
RCP2135

Product Overview

Name	SNAI1 Human
Description	
Snail Family Zinc Finger 1 Human Recombinant	
Accession (Primary)	O95863
Synonyms	
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, Zinc Finger Protein, Snail Homolog 1, Zinc Finger Protein SNAI1.	
Introduction	
Snail homolog 1 (SNAI1) is involved in induction of the epithelial to mesenchymal transition (EMT), formation and maintenance of embryonic mesoderm, growth arrest, survival and cell migration. SNAI1 binds to 3 E-boxes of the E-cadherin gene promoter and represses its transcription. The nuclear protein encoded by SNAI1 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 SNAI1 are waardenburg syndrome type iid, and inappropriate adh syndrome.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
SNAI1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.	
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). Please avoid freeze thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPRSFLV RKPSDPNRKP NYSELQDSNP EFTFQQPYDQ AHLLAAIPPP	

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EILNPTASLP MLIWDSVLAP QAQPIAWASL RLQESPRVAE LTSLSDEDSG KGSQPPSPPS PAPSSFSSTS VSSLEAEAYA AFPGLGQVPK QLAQLSEAKD LQARKAFNCK YCNKEYLSLG ALKMHIRSHT LPCVCGTCGK AFSRPWLLQG HVRTHTGEKP FSCPHCSRAF ADRSNLRAHL QTHSDVKKYQ CQACARTFSR MSLLHKHQES GCSGCPR

Precautions

SNAI1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O95863)