

Product datasheet for **TP304581**

SNAIL (SNAI1) (NM_005985) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human snail homolog 1 (Drosophila) (SNAI1), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC204581 representing NM_005985 Red =Cloning site Green =Tags(s) |
| | <p>MPRSFLVRKPSDPNRKPNYSELQDSNPEFTFQQPYDQAHLLAAIPPPEILNPTASLPMLIWDSVLAPQAAQ PIAWASLRLQESPRVAELTSLSEDESGKGSQPPSPSPAPSSFSSTSVSSLEAEAYAAFPGLGQVPKQLA QLSEAKDLQARKAFNCKYCNKEYLSLGALKMHIRSHTLPCVCGTCGKAFSRPWLLQGHVRTHTGKPFSC PHCSRAFADRSNLRAHLQTHSDVKKYQCQACARTFSRMSLLHKHQESGCSGCPR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 28.9 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_005976 |
| Locus ID: | 6615 |
| UniProt ID: | O95863 |



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RefSeq Size: 1708

Cytogenetics: 20q13.13

RefSeq ORF: 792

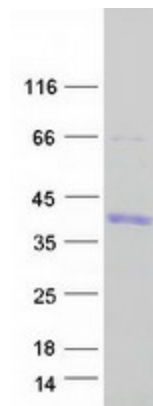
Synonyms: dj710H13.1; SLUGH2; SNA; SNAH; SNAIL; SNAIL1

Summary: The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregulates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by this gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for mesoderm formation in the developing embryo. At least two variants of a similar processed pseudogene have been found on chromosome 2. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Adherens junction

Product images:



Coomassie blue staining of purified SNAI1 protein (Cat# TP304581). The protein was produced from HEK293T cells transfected with SNAI1 cDNA clone (Cat# [RC204581]) using MegaTran 2.0 (Cat# [TT210002]).