

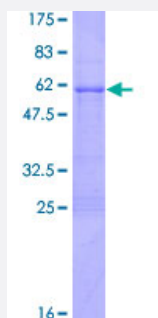
Full-Length

SNAI1 (Human) Recombinant Protein (P01)

Catalog # H00006615-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SNAI1 full-length ORF (NP_005976.2, 1 a.a. - 264 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPRSFLVRKPSDPNRKPNYSELQDSNPEFTFQQPYDQAHLAAIPPPEILNPTASLPMLWDSVLA
PQAQPIAWASRLQESPRVAELTSLDEDSGKGSQPPSPSPAPSSFSSTSVSSLEAEAYAAFP
GLGQVPKQLAQLSEAKDLQARKAFNCKYCNKEYLSLGALKMHIRSHTLPCVCGTCGKAFSRPWL
LQGHVRTHTGEKPFSCPHCSRAFADRSNLRAHLQTHSDVKKYQCQACARTFSRMSLLHKHQES
GCSGCPR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.5

Interspecies Antigen Sequence

Mouse (88); Rat (89)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SNAI1

Entrez GeneID[6615](#)**GeneBank Accession#**[NM_005985.2](#)**Protein Accession#**[NP_005976.2](#)**Gene Name**

SNAI1

Gene Alias

SLUGH2, SNA, SNAH, dJ710H13.1

Gene Description

snail homolog 1 (Drosophila)

Omim ID[604238](#)**Gene Ontology**[Hyperlink](#)**Gene 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 pseudo gene have been found on chromosome 2. [provided by RefSeq]

Other Designations

OTTHUMP00000031680|snail 1 homolog|snail 1 zinc finger protein|snail 1, zinc finger protein

Pathway

- [Adherens junction](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Neoplasms](#)