

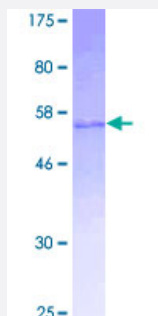
Full-Length

SNAI2 (Human) Recombinant Protein (P01)

Catalog # H00006591-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SNAI2 full-length ORF (NP_003059.1, 1 a.a. - 268 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPRSFLVKKHFNASKKPNYSELDTHTVIISPYLYESYSMPVIPQPEILSSGAYSPITVWTTAAPFHAQ
LPNGLSPLSGYSSSLGRVSPPPSDTSSKDHSGSESPISDEEERLQSKLSDPHAIEAEKFQC�LC
NKTYSTFSGLAHKHQLHCDAQSRKSFSCKYCDKEYVSLGALKMHIRTHTLPCVCKICGKAFSRPW
LLQGHIRTHTGEKPFSCPHCNRAFADRSNLRAHLQTHSDVKKYQCKNCSTFSRMSLLHKHEES
GCCVAH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.4

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 — SNAI2

Entrez GeneID [6591](#)

GeneBank Accession# [NM_003068.3](#)

Protein Accession# [NP_003059.1](#)

Gene Name SNAI2

Gene Alias MGC10182, SLUG, SLUGH1, WS2D

Gene Description snail homolog 2 (Drosophila)

Omim ID [172800 602150 608890](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. The encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mesenchymal transitions and has antiapoptotic activity. Mutations in this gene may be associated with sporadic cases of neural tube defects. [provided by RefSeq]

Other Designations OTTHUMP00000195093|neural crest transcription factor SLUG|slug (chicken homolog), zinc finger protein|slug homolog, zinc finger protein|snail 2

Pathway

- [Adherens junction](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)