

Recombinant human Snail protein

Catalog Number: ATGP2413

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-264aa

UniProt No.

O95863

NCBI Accession No.

NP_005976

Alternative Names

Snail homolog 1, Snail homolog 1, dj710H13.1, SLuGH2, SNA, SNAH, SNAIL, SNAIL1

PRODUCT SPECIFICATION

Molecular Weight

31.5 kDa (287aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Snail homolog 1, also known as SNAI1, is involved in the epithelial to mesenchymal transition (EMT) and formation and maintenance of embryonic mesoderm. This protein binds to 3 E-boxes of the E-cadherin gene promoter and represses its transcription. Recombinant human SNAI1 protein, fused to His-tag at N-terminus, was expressed in E. coli

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMPSFLV RKPSDPNRKP NYSELQDSNP EFTFQQPYDQ AHLLAAIPPP EILNPTASLP

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

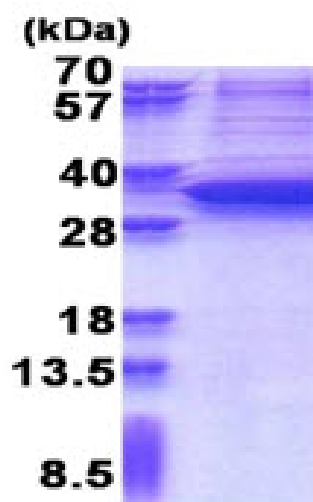
General References

Batlle E., et al. (2000) Nat. Cell Biol. 2:84-89

Peinado H., et al. (2005) EMBO J. 24:3446-3458

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)