

SNAI1, 1-264aa, Human, His tag, E.coli

Cat.NO.: TP03973

3th Edition

Synonyms:Snail homolog 1, dJ710H13.1, SLUGH2, SNA, SNAH, SNAIL, SNAIL1

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

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:31.5 kDa (287aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMPRSFLVRKPSDPNRKPNYSELQDSNPEFTFQQPYDQAHLLAAIPPPPEILNP
TASLPMLIWDSVLAPQAQPIAWASLRLQESPRVAELTSLSDSDSGKGSQPPSPSPAPSSFSSTSVSSLEAEAYAA
FPGLGQVPKQLAQLSEAKDLQARKAFNCKYCNKEYLSLGALKMHIRSHLPCVCGTCGKAFSRPWLLQGHVRTHT
GEKPFSCPHCSRAFADRSNLRAHLQTHSDVKKYQCQACARTFSRMSLLHKHQESGCSGCPR

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.