

PRODUCT DATA SHEET



Bioworld Technology, Inc.

ZEB1 Recombinant Protein

Catalog: NCP0448

Host: E.coli

Tag: His-tag

BackGround:

ZEB family proteins are zinc-finger and homeobox domain containing transcription factors. There are two members in mammals, ZEB1 (δ -EF1, TCF8, AREB6) and ZEB2 (SIP1). ZEB1 and ZEB2 contain two separate zinc-finger domains and a homeodomain. While ZEB proteins mainly function as transcriptional suppressors, they are able to activate transcription, dependent on DNA-context and cell type. One of the targets suppressed by ZEB proteins is E-cadherin. Downregulation of E-cadherin is one of the hallmarks of epithelial mesenchymal transition (EMT), a critical feature of normal embryonic development, which is also utilized by malignant epithelial tumors to spread beyond their origin. ZEB1 mutations are associated with posterior corneal dystrophy, and ZEB2 mutations were reported to be associated with Hirschsprung (HSCR) disease.

Product:

0.5M Urea, PH7.4

Molecular Weight:

~47kDa

Swiss-Prot:

P37275

Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

Restriction Sites:

NdeI-XhoI

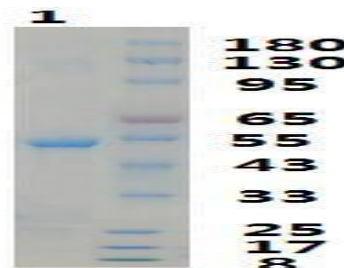
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Expression Vector:

pet-22b(+)

DATA:



Note:

For research use only, not for use in diagnostic procedure.

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