

PRODUCT DATA SHEET



Bioworld Technology, Inc.

ID2 Recombinant Protein

Catalog: NCP0440

Host: E.coli

Tag: His-tag

BackGround:

Inhibitor of DNA-binding-2 (Id2) is a member of the Id proteins which belong to the helix-loop-helix (HLH) protein family. The Id protein functions by binding to specific transcription factors and preventing their dimerization and DNA binding. Id2 interacts with a wide variety of transcription factors including E proteins, TCS, Pax and the tumor suppressor Rb. Id2 has been shown to be important in regulating cellular differentiation, proliferation, development and tumorigenesis. In tumor cells, increased levels of Id2 functionally inactivate Rb, leading to cellular transformation and cancer. Id2 is therefore a promising therapeutic target for treatment of cancer.

Product:

2M Urea, PH7.4

Molecular Weight:

~15kDa

Swiss-Prot:

Q02363

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

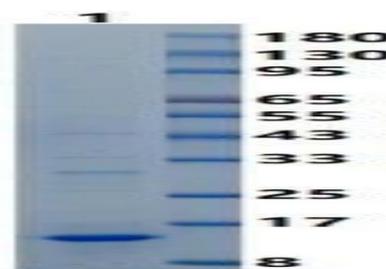
Storage&Stability:

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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