

# PRODUCT DATA SHEET



Bioworld Technology, Inc.

## GATA-6 Recombinant Protein

Catalog: NCP0435

Host: E.coli

Tag: His-tag

### BackGround:

GATA proteins comprise a group of transcription factors that are related by the presence of conserved zinc finger DNA-binding domains, which bind directly to the nucleotide sequence core element GATA. There are six vertebrate GATA proteins, designated GATA-1 to GATA-6. GATA-6 plays a critical role in endoderm development. It is essential for development of the heart, gut, and other organs. Knock out of GATA-6 is embryonic lethal due to defects in formation of the heart tube and a failure to develop extraembryonic endoderm. Loss of expression, or loss of nuclear localization of GATA-6 is apparent in a large number of ovarian tumors.

### Product:

0.5M Urea, PH7.4

### Molecular Weight:

~66kDa

### Swiss-Prot:

Q92908

### 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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