

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### DnaJB4 (R120) Peptide

Cat No.: BS3025P

#### Background

DnaJ heat shock induced proteins are from the bacterium *Escherichia coli* and are under the control of the *htpR* regulatory protein. The DnaJ proteins play a critical role in the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. The proteins contain cysteine rich regions that are composed of zinc fingers that form a peptide binding domain responsible for the chaperone function. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJB4 (DnaJ homolog subfamily B member 4), also known as HLJ1, is expressed in skeletal muscle, heart and pancreas, and lower expression in brain, placenta and liver.

#### Swiss-Prot

Q9UDY4

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3025 DnaJB4 (R120) pAb.

#### Purification & Purity

Synthetic peptide DnaJB4 (R120). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

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

#### Research Use

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