

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### USP42 (K290) Peptide

Cat No.: BS3406P

#### Background

USP42 (ubiquitin specific peptidase 42) is a 1,325 amino acid protein that belongs to the peptidase C19 family. Expressed in a variety of tissues, USP42 functions to catalyze the conversion of a ubiquitin C-terminal thioester to a free ubiquitin and a thiol. The gene encoding USP42 maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Defects in some of the genes localized to chromosome 7 have been linked to Osteogenesis imperfecta, Williams-Beuren syndrome, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.

#### Swiss-Prot

Q9H9J4

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3406 USP42 (K290) pAb.

#### Purification & Purity

Synthetic peptide USP42 (K290). (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.