

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



VCP (A346) Peptide

Cat No.: BS3773P

Background

Valosin-containing protein (VCP or p97) belongs to the AAA (ATPase associated activities) family and acts as a molecular chaperone to a wide variety of cellular activities. Some of these activities include the alteration of both nuclear and mitotic golgi membranes, ubiquitin-proteasome dependent protein degradation, regulation of the NF-kappa b pathway, and extraction of membrane proteins. VCP has been shown to contain a substrate binding domain (N) and two conserved ATPase domains (D1 and D2). The three dimensional structure of VCP resembles that of a cylinder with the D1 and D2 stacked upon one another in a homo-hexameric ring formation. VCP is involved in the formation of neuronal inclusion bodies in neurodegenerative disease such as Parkinson's Disease.

Swiss-Prot

P55072

Applications

Blocking

Specificity

This peptide can be used with studies using BS3773 VCP (A346) pAb.

Purification & Purity

Synthetic peptide VCP (A346). (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.

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