

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



HDAC6 (Q18) Peptide

Cat No.: BS1652P

Background

HDAC6 is a member of the class II mammalian histone deacetylases. Human HDAC6 is composed of 1215 amino acid residues. It possesses two separate putative catalytic domains. Both catalytic domains are fully functional HDACs and contribute independently to the overall activity of HDAC6 protein. A very potent NES is present at the amino-terminus of HDAC6, which was found to play an important role in regulating the shuttling of HDAC6 protein between cytoplasm and nucleus. The shuttling process may be a critical regulatory mechanism of HDAC6 function. The expression of HDAC6 is tightly linked to the state of cell differentiation. HDAC6 may participate in coordinating expression of a group of genes involved in the remodeling of chromatin during cell differentiation.

Swiss-Prot

Q9UBN7

Applications

Blocking

Specificity

This peptide can be used with studies using BS1652 HDAC6 (Q18) pAb.

Purification & Purity

Synthetic peptide HDAC6 (Q18). (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.