

Product: PTEN Protein, human, recombinant
Catalog #: 12-4407
Amount: 2 µg

DESCRIPTION: Recombinant full length human PTEN Protein (rHuPTEN)
PTEN, a tumor suppressor, has been implicated in a large number of human tumors and is conserved from humans to worms. Characterization of PTEN protein showed that it is a phosphatase that acts on proteins and on 3-phosphorylated phosphoinositides, and can therefore modulate signal transduction pathways that involve lipid second messengers. Recent results indicate that at least part of its role is to regulate the activity of the serine/threonine kinase AKT/PKB, and thus influence cell survival signaling.
Molecular Weight: 86 kDa

SOURCE: *Escherichia coli*

FORM: Purified, in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

APPLICATION: ELISA
Immunoblotting (western)
Inhibition Assays

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

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