

Phosphatase and Tensin Homolog Human Recombinant

Item Number	rAP-4538
Synonyms	Phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN, EC 3.1.3.67, EC 3.1.3.16, EC 3.1.3.48, Phosphatase and tensin homolog, Mutated in multiple advanced cancers 1, PTEN, MMAC1, TEP1, BZS, MHAM, PTEN1, 10q23
Description	PTEN Human Recombinant full length protein expressed in E.coli, shows a 86 kDa band on SDS-PAGE (including GST tag) and it is antibody reactive. The PTEN is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P60484
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.
Formulation and Purity	PTEN in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% glycerol.
Application	• ELISA • Inhibition Assays • Western Blotting.
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**