

Human PTEN Recombinant Protein



RPPB4331

Product Information Protein Information

Product SKU:

RPPB4331

Accession:

P60484

Host:

Escherichia Coli.

Protein description:

PTEN Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 423 amino acids (1- 403 a.a.) and having a molecular mass of 49.3kDa. The PTEN is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

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, 10q23del, MGC11227.

Formulation:

The PTEN solution contains 20mM Tris-HCl buffer (pH 8.0), 1mM EDTA, 2mM DTT, 100mM NaCl, and 20% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MTAIKEIVS RNKRRYQEDG FDLDLTYIYP NIIAMGFPAE RLEGVYRNNI
DDVVRFLDSK HKNHYKIYNL CAERHYDTAK FNCRVAQYPF EDHNPPQLEL IKPFCELDQ WLSEDDNHVA
AIHCKAGKGR TGVMICAYLL HRGKFLKAQE ALDFYGEVRT RDKKGV TIPS QRRYVYYYSY LLKNHLDYRP
VALLFHKMMF ETIPMFSGGT CNPQFVVCQL KVKIYSSNSG PTRREDKFMY FEFPQPLPVC GDIKVEFFHK
QNKMLKKDKM FHFVWNTFFI PGPEETSEKV ENGLCDQEI DSICSIERAD NDKEYLVLT TLTKNDLDKANK
DKANRYFSPN FKVKLYFTKT VEEPSNPEAS SSTSVPDVS DNEPDHYRYS DTTDSDPENE PFDEDQHTQI TKV.