

PHOSPHO1, 1-267aa, Human, His tag, E.coli

Cat.NO.: TP03396

3th Edition

Synonyms:Phosphoethanolamine/phosphocholine phosphatase,

Description:Phosphoethanolamine/phosphocholine phosphatase, also known as PHOSPHO1, has a high activity toward phosphoethanolamine (PEA) and phosphocholine (PCho). This protein is involved in the generation of inorganic phosphate for bone mineralization. Recombinant human PHOSPHO1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate buffered Saline pH 7.4 containing 50% glycerol

Molecular Weight:32.2 kDa (291aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMSGCFPVSGLRCLSRDGRMAAQGAPRFLITDFDETIVDENSDDSIIVRAA
PGQRLPESLRATYREGFYNEYMQRVFKYLGEQGVPRDLISAIYEAIPLSPGMSDLLQFVAKQGACFEVILISDANTF
GVESLRAAGHHSLFRRILSNPSGPDARGLLALRPFHTHSCARCPANMCKHKVLSDYLRERAHDGVHFERLFYVG
DGANDFCPMGLLAGGDVAFPRRGYPMHRLIQEAQKAEPSSFRASVVPWETAADVRLHLQQVLKSC

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.