

Human PHOSPHO1 Recombinant Protein



RPPB2107

Product Information Protein Information

Product SKU:

RPPB2107

Accession:

Q8TCT1

Host:

Escherichia Coli.

Protein description:

Human Phospho1 Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 295 amino acids and having a molecular mass of 31.3 kDa. The Human Phospho1 is fused to a 14 aa His tag at N-Terminus. Human Phosphocholine Phosphatase is purified by proprietary chromatographic techniques.

Appearance:

Filtered lyophilized (freeze-dried) powder.

Synonyms:

Phosphoethanolamine/phosphocholine phosphatase, Phosphatase, Orphan 1, EC 3.1.3.75, Phospho1.

Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 30mM acetate buffer pH-4.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this protein is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.

Amino Acid Sequence:

MRGSHHHHHH GMASMSGCFP VSGLRCLSRD GRMAAQGAPR FLITDFDET IVDENSDDSI VRAAPGQRLP
ESLRATYREG FYNEYMQRVF KYLGEQVVRP RDLSAIYEA I PLSPGMSDLL QFVAKQGACF EVILISDANT
FGVESSLRAA GHHS LFRRIL SNPSGPDARG LLALRPFH TH SCARCPANMC KHKVLS DYLR ERAHDGVHFE
RLFVYVDGAN DFCPMGLLAG GDVAFPRRGY PMHRLIQEAQ KAEPSSFRAS VVPWETAADV RLHLQQVLKSC.