

Product datasheet

Recombinant Human Phospho1 protein ab117662

製品の概要

製品名	Recombinant Human Phospho1 protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

アクセッション番号 [Q8TCT1](#)

生物種 Human

配列
 MRGSHHHHHH GMASMSGCFP VSGLRCLSRD
 GRMAAQGAPR FLLTFDFDET IVDENSDDSI
 VRAAPGQRLP ESLRATYREG FYNEYMQRVF
 KYLGEQGVRP RDL SAIYEAI PLSPGMSDLL
 QFVAKQGACF EVILISDANT FGVESLRAA
 GHHS LFRRIL SNPSGPDARG LLALRPFHTH
 SCARCPANMC KHKVLS DYLR ERAHDGVHFE
 RLFYVGDGAN DF CPMGLLAG GDVAFPRRGY
 PMHRLIQEAQ KAEPSSFRAS VVPWETAADV
 RLHLQQVLKSC

分子量 31 kDa including tags

領域 1 to 267

タグ His tag N-Terminus

配列の追加情報 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.

特性

Our [Abpromise guarantee](#) covers the use of **ab117662** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション SDS-PAGE

精製度 > 95 % SDS-PAGE.

ab117662 is purified by proprietary chromatographic techniques.

製品の状態

Lyophilised

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at -20°C.

再構成

Add 0.1M acetate buffer pH4 to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. Add 0.1M acetate buffer pH4 to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely

関連情報

機能

Phosphatase that has a high activity toward phosphoethanolamine (PEA) and phosphocholine (PCho). Involved in the generation of inorganic phosphate for bone mineralization.

組織特異性

Expressed at sites of mineralization in bone and cartilage. Highly expressed in osteoblast cell line SaOS-2 which produces a mineralized matrix, but not in MG-63 cell line, which do not mineralize.

配列類似性

Belongs to the HAD-like hydrolase superfamily. PHOSPHO family.

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