

## Recombinant Human AK1 Protein

Cat No. :KF-P1100

**表达系统:** E. coli

**蛋白结构序列:** 1-194aa

**蛋白编号:** P00568

**产品别称:** Adenylate kinase isoenzyme1, ATP-AMP transphosphorylase 1, Myokinase.

**分子量:** 23.7 kDa (214aa) (SDS-PAGE under reducing conditions)

**纯度:** >95% as determined by SDS-PAGE.

**内毒素:** ≤10EU/mg as determined by LAL test.

**标签:** N-6His

**冻干 Buffer:** Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

**复溶方式:** Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol

**运输条件:** 2-8℃

**保存条件:** Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

**生物活性:** 待查。

**功能:** 催化末端磷酸基在 ATP 和 AMP 之间的可逆转移。也显示广泛的核苷二磷酸激酶活性。在细胞能量平衡和腺嘌呤核苷酸代谢中起重要作用(相似性)(PubMed: 21080915, PubMed: 23416111, PubMed: 2542324)。此外, 还能以极低的速率催化硫胺素焦磷酸(thDP)和二磷酸腺苷(aDP)合成三磷酸硫胺素(thTP)。

仅供科研或生产使用, 不可直接应用于人体。