

## Recombinant Human ARL1 Protein

Cat No. :KF-P1218

**表达系统:** E. coli

**蛋白结构序列:** 1-181aa

**蛋白编号:** P40616

**产品别称:** ADP-ribosylation factor-like protein 1, ARFL1.

**分子量:** 22.5kDa (201aa) (SDS-PAGE under reducing conditions)

**纯度:** >90% 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. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 100mM NaCl,  
2mM DTT

**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:** GTP 结合蛋白招募几种效应子, 如 golgins, arfaptin 和 arf-GEFs 到反高尔基体网络, 并在 Golgi 复合体中调节它们的功能(PubMed: 21239483, PubMed: 22679020, PubMed: 27373159, PubMed: 27436755, PubMed: 9624189)。因此在广泛的基本细胞过程中起作用, 包括细胞极性, 先天免疫或由 arfaptin 介导的蛋白质分泌, 其显示在维持胰腺 β 细胞的胰岛素分泌中起作用(PubMed: 22981988)。

**仅供科研或生产使用, 不可直接应用于人体。**