

**Recombinant Mouse Adiponectin(111-247aa; globular domain) Protein**

**Cat No. :KF-P1069**

**表达系统:** E. coli

**蛋白结构序列:** 111-247aa

**蛋白编号:** Q91VH1

**产品别称:** gAcrp30.

**分子量:** 16 kDa (138 aa)

**纯度:** >85% as determined by SDS-PAGE.

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

**标签:**

**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 50 mM NaCl, 5 mM DTT, 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:** 脂肪细胞分泌的一种调节葡萄糖和脂质代谢的必需激素 ADIPOQ 的受体(PubMed: 17268472, PubMed: 17327425, PubMed: 24742672)。需要正常的葡萄糖和脂肪体内平衡和维持正常的体重(PubMed: 17327425, PubMed: 24742672)。ADIPOQ 结合激活导致 AMPK 活性增加的信号级联,并最终导致脂肪酸氧化增加,葡萄糖摄取增加和糖异生减少(PubMed: 12802337, PubMed: 17268472, PubMed: 17327425, PubMed: 24742672)。对球状脂联素具有高亲和力,对全长脂联素的亲和力较低(PubMed: 12802337)。

**仅供科研或生产使用,不可直接应用于人体。**