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ENSA, 1-121aa, Human, His tag, E.coli

产品货号: TP02021

第三版

别名: Alpha endosulfine isoform 3, ARPP-19e

**描述:** ENSA, also known as alpha endosulfine, belongs to a highly conserved cAMP-regulated phosphoprotein (ARPP) family. This protein is expressed in a wide range of tissues including muscle, brain, and endocrine tissues. This protein was identified as an endogenous ligand for the sulfonyleurea receptor, ABCC8/SUR1. ABCC8 is the regulatory subunit of the ATP-sensitive potassium (KATP) channel, which is located on the plasma membrane of pancreatic beta cells and plays a key role in the control of insulin release from pancreatic beta cells.

**配方:** Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol, 1mM DTT.

**分子量:** 15.5 kDa (141aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMSQKQEEENPAEETGEEKQDTQEKEGILPERAEEAKLKAKYPSLGQKPGGSDFLMKRLQ  
KGQKYFDSGDYNMAKAKMKNKQLPSAGPDKNLVTGDHIPTQDLPQRKSSLVTSKLAGGQVE

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.