

## ENSA 抗原（重组蛋白）

中文名称：ENSA 抗原（重组蛋白）

英文名称： ENSA Antigen (Recombinant Protein)

别名： ARPP-19e

储存： 冷冻（-20℃）

相关类别 抗原

概述：

Fusion protein corresponding to a region derived from 2-121 amino acids of human ENSA

技术规格：

<b>Full name:</b>	endosulfine alpha
<b>Synonyms:</b>	ARPP-19e
<b>Swissprot:</b>	O43768
<b>Gene Accession:</b>	BC000436
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	The protein encoded by this gene belongs to a highly conserved cAMP-regulated phosphoprotein (ARPP) family. This protein was identified as an endogenous ligand for the sulfonylurea 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. This protein is thought to be an endogenous regulator of KATP channels. In vitro studies have demonstrated that this protein modulates insulin secretion through the interaction with KATP channel, and this gene has been proposed as a candidate gene for type 2 diabetes. At least eight alternatively spliced transcript variants encoding distinct isoforms have been observed.