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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ENSA (Human) Recombinant Protein (P01)

Catalog Number: H00002029-P01

Regulation Status: For research use only (RUO)

Product Description: Human ENSA full-length ORF (AAH00436, 1 a.a. - 121 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSQKQEEENPAEETGEEKQDTQEKEGILPERAEEAKL
KAKYPSLGQKPGGSDFLMKRLQKGQKYFDSGDYNMA
KAKMKNKQLPSAGPDKNLVTGDHIPTQDLPQRKSSL
VTSKLAGGQVE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 39.05

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2029

Gene Symbol: ENSA

Gene Alias: MGC4319, MGC78563, MGC8394

Gene Summary: 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. [provided by RefSeq]