

Datasheet for ABIN7479221

**Ensa Protein (AA 1-121, full length) (GST tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	Ensa (ENSA)
Protein Characteristics:	AA 1-121, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ensa protein is labelled with GST tag.
Application:	ELISA

## Product Details

Sequence:	MSQKQEEENP AEETGEEKQD TQEKEGILPE RAEEAKLKAK YPSLGQKPGG SDFLMKRLQK GQKYFDSGDY NMAKAKMKNK QLPSAGPDKN LVTGDHIPTP QDLPQRKSSL VTSKLAGGQV E
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

## Target Details

Target:	Ensa (ENSA)
Alternative Name:	Alpha-endosulfine protein ( <a href="#">ENSA Products</a> )
Background:	Protein phosphatase inhibitor that specifically inhibits protein phosphatase 2A (PP2A) during mitosis. When phosphorylated at Ser-67 during mitosis, specifically interacts with PPP2R2D

## Target Details

(PR55-delta) and inhibits its activity, leading to inactivation of PP2A, an essential condition to keep cyclin-B1-CDK1 activity high during M phase. By similarity. Also acts as a stimulator of insulin secretion by interacting with sulfonylurea receptor (ABCC8), thereby preventing sulfonylurea from binding to its receptor and reducing K(ATP) channel currents. Ref.

Molecular Weight: 40.8 kD

UniProt: [O43768](#)

## Application Details

**Comment:** The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serves as a eukaryotic system that integrates the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system have been used as raw materials for downstream preparation of monoclonal antibodies.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

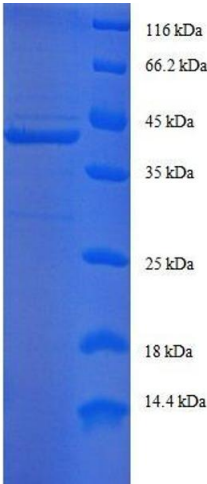
**Concentration:** 0.2-2 mg/mL

**Buffer:** Tris-based buffer, 50 % glycerol

**Handling Advice:** Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

**Storage:** -20 °C

**Storage Comment:** Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



SDS-PAGE

**Image 1.** Endosulfine alpha (ENSA) (AA 1-121), (full length) protein (GST tag)