

## Recombinant Mouse Ica1 protein, His & S-tagged

Cat. No. Ica1-7866M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ica1 aa. (Met1~Gly257 (Accession # P97411)) fused with N-terminal His & S tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Gly257
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	26&32&37kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 8.8.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in ddH<sub>2</sub>O.

## GENE INFORMATION

**Gene Name**

[Ica1 islet cell autoantigen 1 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol**

[Ica1](#)

**Synonyms**

Ica1; islet cell autoantigen 1; 69kDa; ICA69; 69 kDa islet cell autoantigen; ICAp69; ica1; islet cell autoantigen 1, 69 kDa; islet cell autoantigen p69; p69

**Gene ID**

[15893](#)

**mRNA Refseq**

[NM\\_001252266.1](#)

**Protein Refseq**

[NP\\_001239195.1](#)

**UniProt ID**

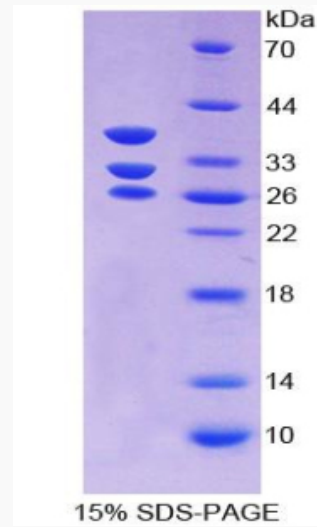
[P97411](#)

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SDS-PAGE



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