

Recombinant Mouse Ica1 protein, His & S-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Ica1 aa. (Met1~Gly257 (Accession # P97411)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Gly257
Form	Freeze-dried powder
Molecular Mass	26&32&37kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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 ddH₂O.

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

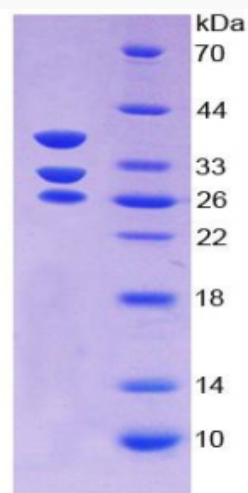
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SDS-PAGE



15% SDS-PAGE

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