

Recombinant Mouse Ica1 protein, His-tagged

Cat. No. Ica1-26M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ica1(Met1~Gly257) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Gly257
Description	Ica1 antigen played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	35.9kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP
Quality Control Test	Has a calculated MW of 40.4 kDa. As a result of glycosylation, The protein migrates as 48-58 kDa under reducing (R) condition and 85-110 kDa and 160-220 kDa under non-reducing (NR) condition on SDS-PAGE gel.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Ica1 islet cell autoantigen 1 [Mus musculus]
Official Symbol	Ica1
Synonyms	ICA1; islet cell autoantigen 1; p69; ICAp69; islet cell autoantigen p69; 69 kDa islet cell autoantigen; islet cell autoantigen 1, 69 kDa; 69kDa; ICA69;
Gene ID	15893
mRNA Refseq	NM_001252266
Protein Refseq	NP_001239195
UniProt ID	P97411
Chromosome Location	6 A1; 6 4.38 Cm
Pathway	Type I diabetes mellitus, organism-specific biosystem; Type I diabetes mellitus,

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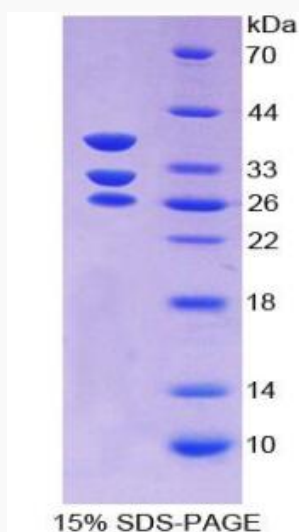
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conserved biosystem;

Function

protein domain specific binding;



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