

Recombinant Human ICA1 protein, GST-tagged

Cat. No. ICA1-28632TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICA1(1 a.a. - 110 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-110 a.a.
Description	This gene encodes a protein with an arfaptin homology domain that is found both in the cytosol and as membrane-bound form on the Golgi complex and immature secretory granules. This protein is believed to be an autoantigen in insulin-dependent diabetes mellitus and primary Sjogren's syndrome. Several transcript variants encoding two different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.84 kDa
AA Sequence	MSGHKCSYPWDLQDRYAQDKSVVNKMQQKYWETKQAFIKATGKKEDHVVASDA DLDAKLELFHSIQRTCLDLSKAIVLYQKRICFLSQEENELGKFLRSQGFQDKTRAG
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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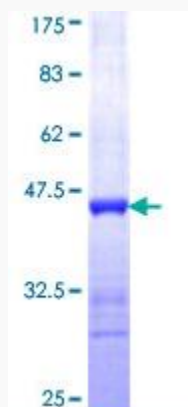
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
GENE INFORMATION	
Gene Name	ICA1 islet cell autoantigen 1, 69kDa [Homo sapiens]
Official Symbol	ICA1
Synonyms	ICA1; islet cell autoantigen 1, 69kDa; islet cell autoantigen 1 (69kD); islet cell autoantigen 1; ICAp69; p69; islet cell autoantigen p69; 69 kDa islet cell autoantigen; islet cell autoantigen 1 isoform; diabetes mellitus type I autoantigen; ICA69;
Gene ID	3382
mRNA Refseq	NM_022307
Protein Refseq	NP_071682
MIM	147625
UniProt ID	Q05084
Chromosome Location	7p22
Pathway	Type I diabetes mellitus, organism-specific biosystem; Type I diabetes mellitus, conserved biosystem;
Function	molecular_function; protein domain specific binding;

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