Recombinant Human ICA1 protein, MYC/DDK-tagged

Cat. No. ICA1-124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICA1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ICA1 islet cell autoantigen 1, 69kDa [Homo sapiens]

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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_001136020
Protein Refseq	NP_001129492
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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