



Recombinant Human Islet cell autoantigen 1 (ICA1)

Product Code	CSB-MP010947HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q05084
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSGHKCSYPWDLQDRYAQDKSVVNKMQQKYWETKQAFIKATGKKEDEHVVA SDADLDAKLELFHSIQRTCLDLSKAIVLYQKRICFLSQEENELGKFLRSQGFQD KTRAGKMMQATGKALCFSSQQLALRNPLCRFHQEVETFRHRAISDTWLTVN RMEQCRTEYRGALLWMKDVSELDPDLYKQMEKFRKVQTQVRLAKKNFDKL KMDVCQKVDLLGASRCNLLSHMLATYQTLLHFWEKTSHTMAAIHESFKGYQ PYEFTTLK
Research Area	Neuroscience
Source	Mammalian cell
Target Names	ICA1
Protein Names	Recommended name: Islet cell autoantigen 1 Alternative name(s): 69 kDa islet cell autoantigen Short name= ICA69 Islet cell autoantigen p69 Short name= ICAp69 Short name= p69
Expression Region	1-268aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial of the full length of 1-483aa
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.