

## Recombinant Human ICA1 protein, His-tagged

Cat. No. ICA1-3061H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ICA1 protein(Q05084)(1-482aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-482aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	60.1 kDa
<b>AA Sequence</b>	MSGHKCYPWDLQDRYAQDKSVVNKMQQKYWETKQAFIKATGKKEDHVVASDAD LDAKLELFHSIQRCLDLSKAIVLYQKRICFLSQEENELGKFLRSQGFQDKTRAGKMM QATGKALCFSSQQLALRNPLCRFHQEVETFRHRAISDTWLTVNRMEQCRTEYRG ALLWMKDVSQELDPDLYKQMEKFRKVQTVRLAKKNFDKLMKDVQCQKVDLLGASR CNLLSHMLATYQTTLLHFWEKTSHTMAAIHESFKGYQPYEFTTLKSLQDPMKKLVEK EEKKKINQQESTDAAVQEPSQLISLEEENQRKESSEFKTEDGKSILSALDKGSTHTAC SGPIDELLDKSEEGACLGPVAGTPEPEGADKDDLLLLSEIFNASSLEEGEFSKEWA AVFGDGQVKEPVPTMALGEPDPAQTGSGFLPSQLLDQNMKDLQASLQEPAKAAS DLTAWFSLFADLDPLSNPDAVGKTDKEHELLNA

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<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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%.

## GENE INFORMATION

<b>Gene Name</b>	ICA1 islet cell autoantigen 1, 69kDa [ Homo sapiens ]
<b>Official Symbol</b>	ICA1
<b>Synonyms</b>	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;
<b>Gene ID</b>	3382
<b>mRNA Refseq</b>	NM_001136020
<b>Protein Refseq</b>	NP_001129492
<b>MIM</b>	147625
<b>UniProt ID</b>	Q05084

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