

Recombinant Human ICA1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ICA1 protein(Q05084)(1-482aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-482aa
Form	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.
Molecular Mass	60.1 kDa
AA Sequence	MSGHKCYPWDLQDRYAQDKSVVNKMQQKYWETKQAFIKATGKKEDHVVASDAD LDAKLELFHSIQRTCLDLSKAIVLYQKRICFLSQEENELGKFLRSQGFQDKTRAGKMM QATGKALCFSSQQRLALRNPLCRFHQEVETFRHRAISDTWLTVNRMEQCRTEYRG ALLWMKDVSQELDPDLYKQMEKFRKVQTQVRLAKKNFDKLMKDVQCQKVDLLGASR CNLLSHMLATYQTTLLHFWEKTSHTMAAIHESFKGYQPYEFTTLKSLQDPMKKLVEK EEKKKINQQESTDAAVQEPSQLISLEEEENQRKESSSFKTEDGKSILSALDKGSTHTAC SGPIDELLDKMKSEEGACLGPVAGTPEPEGADKDDLLLLSEIFNASSLEEGEFSKEWA AVFGDGQVKEPVPTMALGEPDPAQTGSGFLPSQLLDQNMKDLQASLQEPAKAAS DLTAWFSLFADLDPLSNPDVAVGKTDKHELLNA

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

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_001136020
Protein Refseq	NP_001129492
MIM	147625
UniProt ID	Q05084

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