

Recombinant Human ICA1 Protein (1-268 aa), His-tagged

Cat. No. ICA1-1418H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICA1 Protein (1-268 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	1-268 aa
Description	May play a role in neurotransmitter secretion.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	33.5 kDa
AA Sequence	MSGHKCSYPWDLQDRYAQDKSVVNKMQQKYWETKQAFIKATGKKEDHVVASDA DLDAKLELFHSIQRTCLDLSKAIVLYQKRICFLSQEENELGKFLRSQGFQDKTRAGKM MQATGKALCFSSQQRLLRNPLCRFHQEVETFRHRAISDTWLTVNRMEQCRTEYR GALLWMKDVSQELDPDLYKQMEKFRKVQTQVRLAKKNFDKLMKMDVCQKVDLLGAS RCNLLSHMLATYQTLLHFWEKTSHTMAAIHESFKGYQPYEFTTLK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

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

Official Symbol ICA1

Synonyms ICA1; ICAp69; p69; ICA69;

Gene ID 3382

mRNA Refseq NM_001136020

Protein Refseq NP_001129492

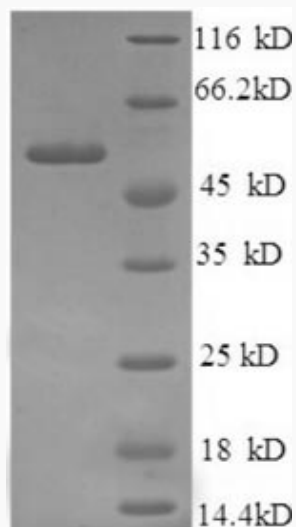
MIM 147625

UniProt ID Q05084

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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