

Islet cell autoantigen 1 (ICA1) Recombinant Protein | ICA1 recombinant protein

Recombinant Human Islet cell autoantigen 1 (ICA1)

CATALOG # AAA114254	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

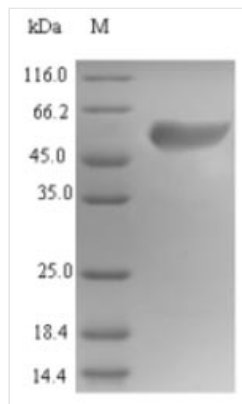
PRODUCT SYNONYMS

Islet cell autoantigen 1 (ICA1); Recombinant Human Islet cell autoantigen 1 (ICA1); 69 kDa islet cell autoantigen; ICA69; Islet cell autoantigen p69; ICAp69; p69; ICA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-482aa; Full Length of Isoform 3
Sequence	MSGHKCYPWD LQDRYAQDKS VVNKMQQKYW ETKQAFIKAT GKKEDEHVVA SDADLDAKLE LFHSIQRTCL DLSKAIVLYQ KRICFLSQEE NELGKFLRSQ GFQDKTRAGK MMQATGKALC FSSQQRLALR NPLCRFHQEV ETFRHRAISD TWLTVNRMEQ CRTEYRGALL WMKDVSQELD PDLYKQMEKF RKVQTQVRLA KKNFDKCLKMD VCQKVDLLGA SRCNLLSHML ATYQTLLHF WEKTSHTMAA IHESFKGYQP YEFTTLKSLQ DPMKKLVEKE EKKKINQQES TDAAVQEPSQ LISLEENQR KESSSEFKTED GKSILSALDK GSTHTACSGP IDELLDMKSE EGACLGPVAG TPEPEGADKD DLLLLSEIFN ASSLEEGEFS KEWAAVFGDG QVKEPVPTMA LGEPDPKAQT GSGFLPSQLL DQNMKDLQAS LQEPAKAASD LTAWFSLFAD LDPLSNPDAV GKTDKHELL NA
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ICA1 recombinant protein	May play a role in neurotransmitter secretion.
Product Categories/Family for ICA1 recombinant protein	Neuroscience

References	"Islet cell autoantigen 69 kD (ICA69). Molecular cloning and characterization of a novel diabetes-associated autoantigen." Pietropaolo M., Castano L., Babu S., Buelow R., Kuo Y.-L.S., Martin S., Martin A., Powers A.C., Prochazka M., Naggert J., Leiter E.H., Eisenbarth G.S. J. Clin. Invest. 92:359-371(1993)
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862841
NCBI GeneID	3382
NCBI Accession #	NP_001129492.1
NCBI GenBank Nucleotide #	NM_001136020.2
UniProt Accession #	Q05084; P78506; Q13824; Q96HG3; A8K7U1; B3FTQ2
Molecular Weight	56.6 kDa
NCBI Official Full Name	islet cell autoantigen 1 isoform a
NCBI Official Synonym Full Names	islet cell autoantigen 1
NCBI Official Symbol	ICA1
NCBI Official Synonym Symbols	ICA69; ICAp69
NCBI Protein Information	islet cell autoantigen 1
UniProt Protein Name	Islet cell autoantigen 1
UniProt Gene Name	ICA1
UniProt Synonym Gene Names	ICA69; ICAp69; p69
UniProt Entry Name	ICA69_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.