

#### OriGene Technologies, Inc.

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# Product datasheet for LY427769

#### ICA1 (NM\_001136020) Human Over-expression Lysate

### **Product data:**

Description:Transient overexpression lysate of islet cell autoantigen 1, 69kDa (ICA1)Species:HumanExpression Host:HEK293TExpression cDNA CloneTrueORF Clone RC226813or AA Sequence:C-Myc/DDKTag:C-Myc/DDKDetection Antibodies:Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001136020, NP 001129492Synonyms:ICA69; ICAp69Predicted MW:54.5 kDaComponents:1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Storage:The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C. Also after dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer avoid clysate samples are stable for 12 months from the date of receipt when stored at -80°C.Preparation:HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Reagent (TT20002) and Sug TrueORE cDNA plasmid. Transfected cells were cultured for Ahsr before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, BNS before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6,
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Reagent (TT200002) and 5ug <u>TrueORF</u> cDNA plasmid. Transfected cells were cultured for
150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted and stored at -20°C before shipping.
RefSeq:         NP 001129492
Locus ID: 3382



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# Service ICA1 (NM\_001136020) Human Over-expression Lysate – LY427769

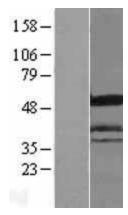
Cytogenetics:

7p21.3

Protein Pathways:

Type I diabetes mellitus

## **Product images:**



Western blot validation of overexpression lysate (Cat# LY427769) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC226813] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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