

Recombinant Human ICA1L 293 Cell Lysate

Cat. No. ICA1L-5314HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for islet cell autoantigen 1,69kDa-like (ICA1L), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

ICA1L islet cell autoantigen 1,69kDa-like [Homo sapiens]

Official Symbol

ICA1L

Synonyms

ICA1L; islet cell autoantigen 1,69kDa-like; ALS2CR14, ALS2CR15, amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 14 , amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 15; islet cell autoantigen 1-like protein; Ica69-related protein; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 14; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 15; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 14 protein; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 15 protein; ALS2CR14; ALS2CR15; MGC138440; DKFZp434E1919;

Gene ID

130026

mRNA Refseq

NM_138468

Protein Refseq

NP_612477

UniProt ID

Q8NDH6

Chromosome Location

2q33

Function

protein domain specific binding;

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