

Recombinant Human ZSCAN21 293 Cell Lysate

Cat. No. ZSCAN21-9185HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for zinc finger and SCAN domain containing 21 (ZSCAN21) 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

ZSCAN21 zinc finger and SCAN domain containing 21 [Homo sapiens]

Official Symbol

ZSCAN21

Synonyms

ZSCAN21; zinc finger and SCAN domain containing 21; zinc finger protein 38 , zinc finger protein 38 (KOX 25) , ZNF38; zinc finger and SCAN domain-containing protein 21; DKFZp434L134; NY REN 21; Zipro1; zfp-38; zinc finger protein 38 homolog; zinc finger protein 38 (KOX 25); renal carcinoma antigen NY-REN-21; zinc finger protein NY-REN-21 antigen; ZNF38; NY-REN-21; DKFZp686H10254;

Gene ID

7589

mRNA Refseq

NM_145914

Protein Refseq

NP_666019

MIM

601261

UniProt ID

Q9Y5A6

**Chromosome
Location**

7q11.1

Function

DNA binding; metal ion binding; protein binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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