

Recombinant Human ZKSCAN4 293 Cell Lysate

Cat. No. ZKSCAN4-159HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for zinc finger with KRAB and SCAN domains 4 (ZKSCAN4) 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

ZKSCAN4 zinc finger with KRAB and SCAN domains 4 [Homo sapiens]

Official Symbol

ZKSCAN4

Synonyms

ZKSCAN4; zinc finger with KRAB and SCAN domains 4; zinc finger protein 307 , zinc finger protein 427 , ZNF307, ZNF427; zinc finger protein with KRAB and SCAN domains 4; FLJ32136; P1P373C6; p373c6.1; zinc finger protein 307; zinc finger protein 427; p373c6.1 (novel C2H2 type zinc finger protein); ZNF307; ZNF427;

Gene ID

387032

mRNA Refseq

NM_019110

Protein Refseq

NP_061983

MIM

611643

UniProt ID

Q969J2

Chromosome Location

6p21

Pathway

Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem;

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