

Recombinant Human ZNF45 293 Cell Lysate

Cat. No. ZNF45-70HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for zinc finger protein 45 (ZNF45) 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

ZNF45 zinc finger protein 45 [Homo sapiens]

Official Symbol

ZNF45

Synonyms

ZNF45; zinc finger protein 45; zinc finger protein 13 , zinc finger protein 45 (a Kruppel associated box (KRAB) domain polypeptide) , ZNF13; BRC1744; zinc finger protein 13; zinc finger protein KOX5; zinc finger protein 45 (a Kruppel-associated box (KRAB) domain polypeptide); KOX5; ZNF13;

Gene ID

7596

mRNA Refseq

NM_003425

Protein Refseq

NP_003416

MIM

194554

UniProt ID

Q02386

Chromosome Location

19q13.2

Pathway

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

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