

Recombinant Human C12orf41 293 Cell Lysate

Cat. No. KANSL2-8320HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chromosome 12 open reading frame 41 (C12orf41) 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

KANSL2 KAT8 regulatory NSL complex subunit 2 [Homo sapiens]

Official Symbol

KANSL2

Synonyms

NSL2; C12orf41; KAT8 regulatory NSL complex subunit 2; NSL complex protein
NSL2; non-specific lethal 2 homolog

Gene ID

54934

mRNA Refseq

NM_017822

Protein Refseq

NP_060292

MIM

615488

UniProt ID

Q9H9L4

**Chromosome
Location**

12q13.11

Pathway

Chromatin modifying enzymes, organism-specific biosystem; Chromatin organization, organism-specific biosystem; HATs acetylate histones, organism-specific biosystem

Function

contributes_to histone acetyltransferase activity (H4-K16 specific); contributes_to histone acetyltransferase activity (H4-K5 specific); contributes_to histone

 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

acetyltransferase activity (H4-K8 specific)

 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