

Recombinant Human CTAG2 293 Cell Lysate

Cat. No. CTAG2-7217HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for cancer/testis antigen 2 (CTAG2), 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

CTAG2 cancer/testis antigen 2 [Homo sapiens]

Official Symbol

CTAG2

Synonyms

CTAG2; cancer/testis antigen 2; CAMEL; cancer/testis antigen family 6; member 2a; member 2b; CT6.2a; CT6.2b; CTL recognized antigen on melanoma; ESO2; LAGE 1; LAGE 1a; LAGE 1a protein; LAGE 1b; LAGE1; MGC3803; MGC138724; LAGE-1a protein; cancer/testis antigen 6.2; I antigen family member 1; CTL-recognized antigen on melanoma; cancer/testis antigen family 6, member 2a; cancer/testis antigen family 6, member 2b; autoimmunogenic cancer/testis antigen NY-ESO-2; CT2; CT6.2; LAGE-1; LAGE2B;

Gene ID

30848

mRNA Refseq

NM_020994

Protein Refseq

NP_066274

MIM

300396

UniProt ID

O75638

**Chromosome
Location**

Xq28

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