

Recombinant Human CD3EAP 293 Cell Lysate

Cat. No. CD3EAP-7676HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for CD3e molecule, epsilon associated protein (CD3EAP) 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

CD3EAP CD3e molecule, epsilon associated protein [Homo sapiens]

Official Symbol

CD3EAP

Synonyms

CD3EAP; CD3e molecule, epsilon associated protein; CD3e antigen, epsilon polypeptide associated protein; DNA-directed RNA polymerase I subunit RPA34; antisense to ERCC 1; ASE 1; CAST; CD3 epsilon associated protein; PAF49; A34.5; CD3E-associated protein; antisense to ERCC-1 protein; CD3-epsilon-associated protein; RNA polymerase I-associated factor PAF49; ASE-1; MGC118851;

Gene ID

10849

mRNA Refseq

NM_012099

Protein Refseq

NP_036231

MIM

107325

UniProt ID

O15446

**Chromosome
Location**

19q13.3

Pathway

TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

 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

Function

DNA-directed RNA polymerase activity;

 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