

Recombinant Human DEF6 293 Cell Lysate

Cat. No. DEF6-6993HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for differentially expressed in FDCP 6 homolog (mouse) (DEF6) 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

DEF6 differentially expressed in FDCP 6 homolog (mouse) [Homo sapiens]

Official Symbol

DEF6

Synonyms

DEF6; differentially expressed in FDCP 6 homolog (mouse); differentially expressed in FDCP (mouse homolog) 6; differentially expressed in FDCP 6 homolog; IBP; SLAT; SWAP 70 like adaptor protein of T cells; SWAP70L; DEF-6; IRF4-binding protein; SWAP-70-like adaptor protein of T cells;

Gene ID

50619

mRNA Refseq

NM_022047

Protein Refseq

NP_071330

MIM

610094

UniProt ID

Q9H4E7

Chromosome Location

6p21.33-p21.1

Pathway

Regulation of RAC1 activity, organism-specific biosystem; Regulation of RhoA activity, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;

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