

Recombinant Human DUSP11 293 Cell Lysate

Cat. No. DUSP11-6783HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for dual specificity phosphatase 11 (RNA/RNP complex 1-interacting) (DUSP11) 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

DUSP11 dual specificity phosphatase 11 (RNA/RNP complex 1-interacting) [Homo sapiens]

Official Symbol

DUSP11

Synonyms

DUSP11; dual specificity phosphatase 11 (RNA/RNP complex 1-interacting); RNA/RNP complex-1-interacting phosphatase; PIR1; RNA/RNP complex-interacting phosphatase; dual specificity protein phosphatase 11; serine/threonine specific protein phosphatase; phosphatase that interacts with RNA/RNP complex 1;

Gene ID

8446

mRNA Refseq

NM_003584

Protein Refseq

NP_003575

MIM

603092

UniProt ID

O75319

Chromosome Location

2p13.1

Function

RNA binding; hydrolase activity; phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity;

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