

Recombinant Human DUSP19 293 Cell Lysate

Cat. No. DUSP19-6779HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for dual specificity phosphatase 19 (DUSP19), 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

DUSP19 dual specificity phosphatase 19 [Homo sapiens]

Official Symbol

DUSP19

Synonyms

DUSP19; dual specificity phosphatase 19; dual specificity protein phosphatase 19; DUSP17; SKRP1; LMW-DSP3; protein phosphatase SKRP1; dual specificity phosphatase TS-DSP1; SAPK pathway-regulating phosphatase 1; low molecular weight dual specificity phosphatase 3; stress-activated protein kinase pathway-regulating phosphatase 1; LMWDSP3; TS-DSP1; MGC138210;

Gene ID

142679

mRNA Refseq

NM_001142314

Protein Refseq

NP_001135786

MIM

611437

UniProt ID

Q8WTR2

**Chromosome
Location**

2q32.1

Function

JUN kinase phosphatase activity; MAP-kinase scaffold activity; hydrolase activity; mitogen-activated protein kinase kinase kinase binding; protein kinase activator

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activity; protein kinase inhibitor activity; protein tyrosine phosphatase activity; protein tyrosine/threonine phosphatase activity;

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