

Recombinant Human DCP2 cell lysate

Cat. No. DCP2-446HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	DCP2 is a key component of an mRNA-decapping complex required for removal of the 5-prime cap from mRNA prior to its degradation from the 5-prime end (Fenger-Gron et al., 2005 [PubMed 16364915]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	DCP2 DCP2 decapping enzyme homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	DCP2
Synonyms	DCP2; DCP2 decapping enzyme homolog (S. cerevisiae); mRNA-decapping enzyme 2; nudix (nucleoside diphosphate linked moiety X) type motif 20; NUDT20; hDpc; nudix (nucleoside diphosphate linked moiety X)-type motif 20; FLJ33245;
Gene ID	167227

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mRNA Refseq	NM_001242377
Protein Refseq	NP_001229306
MIM	609844
UniProt ID	Q8IU60
Chromosome Location	5q22
Pathway	Activation of Genes by ATF4, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Decapping complex, organism-specific biosystem; Decapping complex, conserved biosystem; Destabilization of mRNA by Butyrate Response Factor 1 (BRF1), organism-specific biosystem; Destabilization of mRNA by KSRP, organism-specific biosystem; Destabilization of mRNA by Tristetraprolin (TTP), organism-specific biosystem;
Function	RNA binding; exoribonuclease activity, producing 5-phosphomonoesters; hydrolase activity; manganese ion binding; metal ion binding; protein binding;