

## Recombinant Human DCP2 cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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]).
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	DCP2 DCP2 decapping enzyme homolog ( <i>S. cerevisiae</i> ) [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	DCP2
<b>Synonyms</b>	DCP2; DCP2 decapping enzyme homolog ( <i>S. cerevisiae</i> ); 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;
<b>Gene ID</b>	167227

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<b>mRNA Refseq</b>	NM_001242377
<b>Protein Refseq</b>	NP_001229306
<b>MIM</b>	609844
<b>UniProt ID</b>	Q8IU60
<b>Chromosome Location</b>	5q22
<b>Pathway</b>	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;
<b>Function</b>	RNA binding; exoribonuclease activity, producing 5-phosphomonoesters; hydrolase activity; manganese ion binding; metal ion binding; protein binding;

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