

Recombinant Full Length Human DCP2 Protein, GST-tagged

Cat. No. DCP2-2893HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DCP2 full-length ORF (AAH64593, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	385 amino acids
Description	The protein encoded by this gene is a key component of an mRNA-decapping complex required for degradation of mRNAs, both in normal mRNA turnover, and in nonsense-mediated mRNA decay (NMD). It removes the 7-methyl guanine cap structure from mRNA, prior to its degradation from the 5' end. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jun 2011]
Molecular Mass	68.09 kDa
AA Sequence	METKRVEIPGSVLDDLCSRFILHIPSEERDNAIRVCFQIELAHWFYLD FYMQNTPGLP QCGIRDFAKAVFSHCPFLLPQGEDVEKVLDEWKEYKMGVPTYGAIILDETLENVLLV QGYLAKSGWGFPKGKVNKEEAPHDCAAAREVFEETGFDIKDYICKDDYIELRINDQLA RLYIIPGIPKDTKFNPKTRREIRNIEWFSIEKLPCHRNDMTPKSKLGLAPNKFFMAIPFI RPLRDWLSRRFGDSSDSNGFSSTGSTPAKPTVEKLSRTKFRHSQQLFDPDGSPGD QWVKHRQPLQQKPYNHSEMSDLLKGKKCEKKLHPRKLQDNFETDAVYDLPSSSE DQLEHAEGQPVACNGHCKFPFSSRAFLSFKFDHNAIMKILD

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DCP2 DCP2 decapping enzyme homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	DCP2
Synonyms	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;
Gene ID	167227
mRNA Refseq	NM_001242377
Protein Refseq	NP_001229306
MIM	609844
UniProt ID	Q8IU60

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