

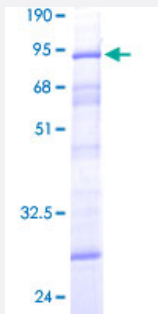
Full-Length

DCP2 (Human) Recombinant Protein (P01)

Catalog # H00167227-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DCP2 full-length ORF (AAH64593, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

METKRVEIPGSVLDDLCRSFILHIPSEERDNAIRVCFQIELAHWFYLD FYMQNTPGLPQCGIRDFAK
AVFSHC PFLLPQGEDVEKVLDEWKEYKMGVPTYGAILDETLENVLLVQGYLAKSGWGFPKGKV
NKEEAPHDCAAREVFEETGFDIKDYICKDDYIELRINDQLARLYIIPGPKDTKFNPKTRREIRNIEWFS
IEKLPCRNDMTPKSKLGLAPNKFFMAIPFIRPLRDWLSRRFGDSSDSNDGFSSTGSTPAKPTVE
KLSRTKFRHSQQLFPDGSPGDQWVKHRQPLQQKPYNNHSEMSDLLKGKKCEKKLHPRKLQDN
FETDAVYDLPSSSEDQLLEHAEGQPACNGHCKFPFSSRAFLSKFDHNAIMKILD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.09

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DCP2

Entrez GeneID	167227
GeneBank Accession#	BC064593
Protein Accession#	AAH64593
Gene Name	DCP2
Gene Alias	FLJ33245, NUDT20
Gene Description	DCP2 decapping enzyme homolog (S. cerevisiae)
Omim ID	609844
Gene Ontology	Hyperlink
Gene Summary	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]).[supplied by OMIM]
Other Designations	DCP2 decapping enzyme nudix (nucleoside diphosphate linked moiety X)-type motif 20

Pathway

- [RNA degradation](#)