

Datasheet for ABIN7279518
DCPS Protein (AA 1-337) (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	DCPS
Protein Characteristics:	AA 1-337
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCPS protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	DCPS, 1-337aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	DCPS
Alternative Name:	DCPS (DCPS Products)
Background:	DCPS, also known as scavenger mRNA-decapping enzyme, is belongs to the HIT family. It is necessary for the complete degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. A scavenger decapping enzyme, DcpS was shown to hydrolyze the residual m7GpppN cap structure after the complete 3'-5' degradation of the mRNA by the exosome. DcpS releases m7GMP and is unable to cleave cap structures attached

Target Details

to a long RNA chain. Recombinant human DCPS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Scavenger mRNA-decapping enzyme DcpS, DCS1, HINT5. NCBI no.: NP_054745

Molecular Weight: 40.8 kDa (357aa), confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

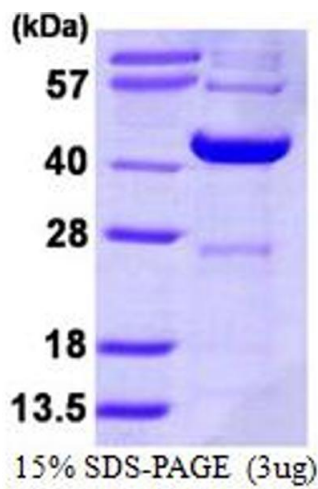
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

Storage: 4 °C

Images



SDS-PAGE

Image 1.