

Datasheet for ABIN2719397

**DHPS Protein (Transcript Variant 1)****1** Image[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	DHPS
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Deoxyhypusine synthase (DHPS) (transcript variant 1) protein expressed in E. coli.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

## Target Details

Target:	DHPS
Abstract:	<a href="#">DHPS Products</a>
Background:	Catalyzes the NAD-dependent oxidative cleavage of spermidine and the subsequent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the eIF-5A precursor protein to form the intermediate deoxyhypusine residue.

## Target Details

[UniProtKB/Swiss-Prot Function]

Molecular Weight: 42 kDa

NCBI Accession: [NP\\_001921](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Restrictions: For Research Use only

## Handling

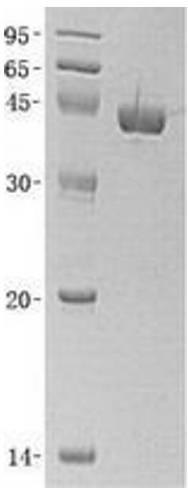
Concentration: 50 µg/mL

Buffer: 20 mM Tris-HCl, 100 mM NaCl, 20 % Glycerol, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images



### Western Blotting

**Image 1.** Validation with Western Blot