Datasheet for ABIN2731697

# Septin 8 Protein (SEPT8) (Transcript Variant 1) (Myc-DYKDDDDK Tag)

Go to Product page

## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 20 µg |
| Target: | Septin 8 (SEPT8) |
| Protein Characteristics: | Transcript Variant 1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Septin 8 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

## Product Details

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|---|---|
| Characteristics: | • Recombinant human Septin-8 (SEPT8) (transcript variant 1) protein expressed in HEK293 cells.<br>• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

## Target Details

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|---|---|
| Target: | Septin 8 (SEPT8) |
| Alternative Name: | Septin-8 (Sept8) (SEPT8 Products) |
| Background: | This gene is a member of the septin family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse, and appear to regulate cytoskeletal organization. Disruption of septin |

## Target Details

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|---|---|
| | function disturbs cytokinesis and results in large multinucleate or polyploid cells. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| Molecular Weight: | 55.6 kDa |
| NCBI Accession: | NP_001092281 |

## Application Details

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|---|---|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

## Handling

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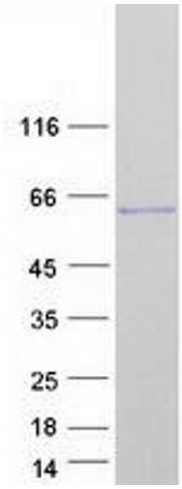
|---|---|
| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

## Images




**Western Blotting**

**Image 1.** Validation with Western Blot