

# Recombinant Full Length Human CENPV Protein, GST-tagged

**Cat. No.** CENPV-3147HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CENPV full-length ORF (AAH52604.1, 1 a.a. - 275 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 275 amino acids                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | CENPV (Centromere Protein V) is a Protein Coding gene. Diseases associated with CENPV include Intracranial Primitive Neuroectodermal Tumor and Diffuse Glomerulonephritis. GO annotations related to this gene include carbon-sulfur lyase activity. An important paralog of this gene is CENPVL2. |
| <b>Molecular Mass</b>   | 56.65 kDa                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MRRSRSSAAKLRGQKRSGASGASAAPAASAAAALAPSATRTRRSASQAGSKSQA<br>VEKPPSEKPRLRRSSPRAQEEGPGEPPELALLPPPPPPPTPATPTSSASNLDLG<br>EQRERWETFQKRQKL TSEGA AKLLLDTFEYQGLVKHTGGCHCGAVRFEVWASADL<br>HIFDCNCSICKKKQNRHFIVPASRFKLLKGAEHITTYTFNTHKAQHTFCKRCGVQSFY<br>TPRSNPGGFGIAPHCLDEGTVRSMVTEEFNGSDWEKAMKEHKTIKNMSKE  |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                   |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CENPV centromere protein V [ Homo sapiens ]                                                                                                               |
| <b>Official Symbol</b> | CENPV                                                                                                                                                     |
| <b>Synonyms</b>        | CENPV; centromere protein V; proline rich 6, PRR6; CENP V; p30; proline rich 6; nuclear protein p30; proline-rich protein 6; PRR6; CENP-V; 3110013H01Rik; |
| <b>Gene ID</b>         | 201161                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_181716                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_859067                                                                                                                                                 |
| <b>MIM</b>             | 608139                                                                                                                                                    |
| <b>UniProt ID</b>      | Q7Z7K6                                                                                                                                                    |

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