

## Recombinant Human CENPM protein, His-tagged

**Cat. No.** CENPM-11099H    **Lot. No.** (See product label)

### SPECIFICATION

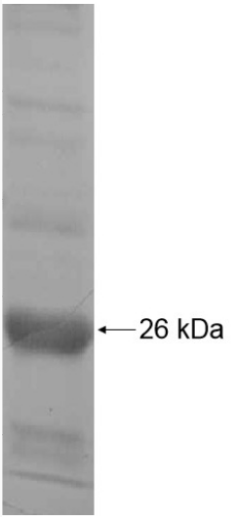
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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CENPM protein(1-180 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-180 aa                                                                                                                                                                                                                                       |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.        |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>AA Sequence</b>      | MSVLRPLDKLPGLNTATILLVGTEDEALLQQLADSMKEDCASELKVHLAKSLPLPSSV<br>NRPRIDLIVFVNLHISKYSLQNTTEESLRHVDASFLLGKVCFLATGAGRESHCSIHRHT<br>VVKLAHTYQSPLLYCDLEVEGFRATMAQRLVRVLQICAGHVPGVSA LNLLSLLRSSE<br>GPSLEDL                                             |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                       |

### GENE INFORMATION

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <b>CENPM</b>                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | CENPM; centromere protein M; C22orf18, chromosome 22 open reading frame 18; CENP M; MGC861; Pane1; interphase centromere complex protein 39; proliferation associated nuclear element 1; proliferation-associated nuclear element protein 1; PANE1; CENP-M; C22orf18; bK250D10.2; |
| <b>Gene ID</b>         | <b>79019</b>                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | <b>NM_001002876</b>                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | <b>NP_001002876</b>                                                                                                                                                                                                                                                               |
| <b>MIM</b>             | <b>610152</b>                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | <b>Q9NSP4</b>                                                                                                                                                                                                                                                                     |
| <b>SDS-PAGE</b>        |  <p>← 26 kDa</p>                                                                                                                                                                              |