

Centromere Protein-M Human Recombinant

| | |
|--|--|
| Item Number | rAP-2992 |
| Synonyms | Centromere Protein M, Interphase Centromere Complex Protein 39, Chromosome 22 Open Reading Frame 18, Proliferation Associated Nuclear Element 1, bK250D10.2, CENP-M, ICEN39, C22orf18, PANE1. |
| Description | CENPM Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (1-180) and having a molecular mass of 22.0kDa.CENPM is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | Q9NSP4 |
| Amino Acid Sequence | MGSSHHHHH SSGLVPRGSH MGSMVLRPL DKLPGLNTAT ILLVGTEDEL LQQLADSMK ED-CASELKVH LAKSLPLPSS VNRPRIDLIV FVNLHISKYS LQNTTEESLRH VDASFFLGKV CFLATGAGRE SHCSIHRHTV VKLAHTYQSP LLYCDLEVEG FRATMAQRLV RVLQICAGHV PGVSALNLLS LLRSSE-GPSL EDL |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.&Store, frozen at -20°C for longer periods of time.&For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | The CENPM solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol. Greater than 85% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**