

TEN1 Human Recombinant

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| Item Number | rAP-3972 |
| Synonyms | TEN1 telomerase capping complex subunit homolog (<i>S. cerevisiae</i>), C17orf106, CST complex subunit TEN1, Protein telomeric pathways with STN1 homolog, Telomere length regulation protein TEN1 homolog, TEN1. |
| Description | TEN1 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 146 amino acids (1-123) and having a molecular mass of 16.2kDa. TEN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | Q86WV5 |
| Amino Acid Sequence | MGSSHHHHHH SSSLVPRGSH MGSMMLPKPG TTYLPWEVSA QQVPDGLTLR TFGRLCLYDM IQSRVTLMAQ HGSDQHQLV CTKLVEPFHA QVGSLYIVLG ELQHQQDRGS VVKARVLTVCV EGMN- LPLEQ AIREQRLYKQ ERGGSQ. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear 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 TEN1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90% 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**