

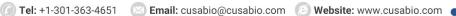


Recombinant Escherichia phage T7 Singlestranded DNA-binding protein (2.5)

Product Code CSB-YP366021EEB Relevance Single-stranded DNA-binding protein that eliminates secondary structure in long ssDNA formed on the lagging strand of the replication fork. Stimulates DNA polymerase activity and increases the efficiency of RNA primer synthesis by interacting with the DNA polymerase and the helicase/primase protein gp4. Disrupts loops, hairpins and other secondary structures present on ssDNA to reduce and eliminate pausing of viral DNA polymerase at specific sites during elongation. Abbreviation Recombinant Enterobacteria phage T7 Single-stranded DNA-binding protein gp2.5 protein Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Uniprot No. P03696 Product Type Recombinant Proteins Immunogen Species Enterobacteria phage T7 (Bacteriophage T7) Purity Greater than 90% as determined by SDS-PAGE. Sequence MAKKIFTSALGTAEPYAYIAKPDYGNEERGFGNPRGVYKVDLTIPNKDPRCOR MVDEIVKCHEEAYAAAVEEYEANPPAVARGKKPLKPYEGDMPFFDNGDGTTT FKFKCYASFQDKKTKETKHINLVVVDSKGKKMEDVPIIGGGSKLKVKYSLVPYK WNTAVGASVALQLESWILVELATFGGGEDDWADEVEENGYVASGSAKASKP RDEESWDEDDEESEEADEDGDF Source Yeast Target Names 2.5 Protein Names Recommended name: Helix-destabilizing proteinAlternative name(s): Single-strand		
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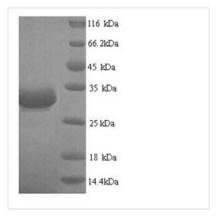




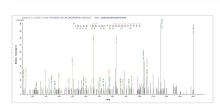








(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP366021EEB could indicate that this peptide derived from Yeast-expressed Enterobacteria phage T7 (Bacteriophage T7)



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