RecO, Recombinant, E. coli, aa1-242, His-SUMO-Tag (DNA Repair Protein RecO)

Catalog number

375019

Supplier

United States Biological

Involved in DNA repair and RecF pathway recombination.

Source

Recombinant protein corresponding to aa1-242 from E. coli RecO, fused to His-SUMO-Tag at N-terminal, expressed in E. coli.

Molecular Weight

~43.4kD

AA Sequence

MEGWQRAFVLHSRPWSETSLMLDVFTEESGRVRLVAKGARSKRSTLKGALQPFTPLLLRFGGRGEVKTLRSAEAVS
LALPLSGITLYSGLYINELLSRVLEYETRFSELFFDYLHCIQSLAGVTGTPEPALRRFELALLGHLGYGVNFTHCAGSGE
PVDDTMTYRYREEKGFIASVVIDNKTFTGRQLKALNAREFPDADTLRAAKRFTRMALKPYLGGKPLKSRELFRQFMP
KRTVKTHYE

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a liquid in Tris-HCl, pH 8.0, 1mM EDTA, 50% glycerol.

Purity

~90% (SDS-PAGE)

Grade

Purified

Storage

-20°C

MW

43.4

Antigen Modification

Recombinant, E. coli

Reference

1. Molecular analysis of the Escherichia coli recO gene.Morrison P.T., Lovett S.T., Gilson L.E., Kolodner R.J. Bacteriol. 171:3641-3649(1989).