

Active Recombinant E. coli eco Protein, His-tagged

Cat. No. eco-794E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E. coli eco (Accession # NP_416713) Ala21-Arg162, fused with a C-terminal 6-His tag, was produced in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	Ala21-Arg162
Predicted N Terminal	Ala21
Form	Lyophilized from a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, M ca-RPKPVE-Nval-WRK(Dnp)-NH ₂ . The IC ₅₀ value is <1.0 nM, as measured under the described conditions.
Molecular Mass	Recombinant E. coli eco, His-tagged has a calculated MW of 17 kDa. In SDS-PAGE migrates as 18 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 250 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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