

Active Recombinant E. coli map Protein, His-tagged

Cat. No. map-793E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E. coli map (Accession # NP_414710) Ala2-Glu264, fused with a C-terminal 10-His tag, was produced in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	Ala2-Glu264
Predicted N Terminal	Ala2
Form	Supplied as a 0.2 µm filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measure by its ability to remove methionine from a fluorogenic peptide substrate H-Met-Gly-Pro-AMC. The resulting GP-AMC is cleaved by Recombinant Human DPPIV/CD26. The specific activity is >0.5 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant E. coli map, His-tagged has a calculated MW of 31 kDa. In SDS-PAGE migrates as 36 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

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months (-70°C).

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