

Recombinant Escherichia coli eco, His-tagged

DAG1667 *E. coli*

Lot. No. (See product label)

PRODUCT INFORMATION

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| Product overview | Escherichia coli eco (NP_416713, 21 a.a. - 162 a.a.) partial recombinant protein with His tag expressed in Escherichia coli. |
| Source | <i>E. coli</i> |
| Species | <i>E. coli</i> |
| Tag | His |
| Form | Liquid |
| Molecular Mass | 18.3kDa |
| AA Sequence | MGSSHHHHHHSSGLVPRGSHMAESVQPLEKIAPYPQAEKGMKRQVIQLTPQEDESTLKVELLIGQTL EVD CNLHRLGGKLENKTLEGWGYDYVFDKVSSPVSTM MACPDGKKEKKFVTAYLGDAGMLRYNSK LPIVVYTPDNVDVKYRVWKAEEKIDNAVVR |
| Purity | Conventional Chromatography |
| Applications | SDS-PAGE |

PACKAGING

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| Storage | Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| Concentration | 1 mg/mL |
| Buffer | In 20 mM Tris-HCl, 50mM NaCl, pH 8.0 (1 mM DTT, 10% glycerol) |

BACKGROUND

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| Introduction | Ecotin inhibits trypsin and a number of additional heterologous proteases. |
| Keywords | ECK2201; eti; JW2197; eco; eco ecotin, a serine protease inhibitor; <i>E. coli</i> eco |

REFERENCES

1. The contribution of key hydrophobic residues in ecotin to enzyme-inhibitor complex stability. McCrudden MT, et al. J Enzyme Inhib Med Chem, 2009 Dec.
2. Finding chimeras: a bioinformatics strategy for identification of cross-linked peptides. Chu F, et al. Mol Cell Proteomics, 2010 Jan.

IMAGES