

Recombinant *Shigella sonnei* metK Protein (M1-K384)

Cat. No. metK-1411S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Shigella sonnei</i> G-metK(M1-K384 end) protein without tag was expressed in <i>E. coli</i>
Species	<i>Shigella sonnei</i>
Source	<i>E. coli</i>
ProteinLength	M1-K384
Description	Catalyzes the formation of S-adenosylmethionine (AdoMet) from methionine and ATP. The overall synthetic reaction is composed of two sequential steps, AdoMet formation and the subsequent triphosphate hydrolysis which occurs prior to release of AdoMet from the enzyme.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	85%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 8.0), 200mM NaCl, 20% glycerol, 1mM DTT
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	metK methionine adenosyltransferase [<i>Shigella sonnei</i>]
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Official Symbol	metK
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Synonyms	metK; methionine adenosyltransferase; methionine adenosyltransferase; EC 2.5.1.6
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Gene ID	66673177
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Protein Refseq	WP_001062128
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UniProt ID	Q4L9T4
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