5-Methyltetrahydropteroyltriglutamate--Homocysteine Methyltransferase (metE) Escherichia Fergusonii Recombinant Protein

PRODUCT OVERVIEW

Product Name	5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase (metE), Recombinant Protein
Full Product Name	Recombinant Escherichia fergusonii 5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase (metE), partial
Product Gene Name	metE recombinant protein
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	84,651 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for B7LU25
Species	Escherichia fergusonii (strain 35469 / DSM 13698 / CDC 0568-73)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for metE recombinant protein	MBS1158438 is a recombinant protein targeting metE. Also known as Recombinant Escherichia fergusonii 5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase (metE), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of metE recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for metE. It may not necessarily be applicable to this product.

NCBI GI #	446076062
NCBI Accession #	WP_000153917.1
UniProt Primary Accession #	B7LU25
GenBank Nucleotide #	WP_000153917.1
NCBI Official Full Name	MULTISPECIES: 5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase
UniProt Protein Name	5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase
UniProt Synonym Protein Names	Cobalamin-independent methionine synthase
Protein Family	5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase

UniProt Gene Name	metE
UniProt Comments for metE	Catalyzes the transfer of a methyl group from 5-methyltetrahydrofolate to homocysteine resulting in methionine formation.
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