

Recombinant Human MARS1 Protein (Met1-Gln205), N-His tagged

Cat. No. MARS1-3729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MARS1 (Met1-Gln205) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln205
Description	This gene encodes a member of the class I family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. The encoded protein is a component of the multi-tRNA synthetase complex and catalyzes the ligation of methionine to tRNA molecules.
Form	Lyophilized powder/frozen liquid
Molecular Mass	24.90 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

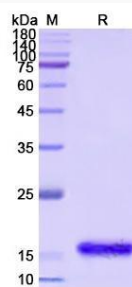
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	date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02% NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	MARS1 methionyl-tRNA synthetase 1 [Homo sapiens (human)]
Official Symbol	MARS1
Synonyms	MARS1; methionyl-tRNA synthetase 1; MRS; ILLD; MARS; TTD9; CMT2U; ILFS2; METRS; MTRNS; SPG70; methionine--tRNA ligase, cytoplasmic; cytosolic methionyl-tRNA synthetase; EC 6.1.1.10
Gene ID	4141
mRNA Refseq	NM_004990
Protein Refseq	NP_004981
MIM	156560
UniProt ID	P56192

SDS-PAGE



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