



# Recombinant Human Methionine--tRNA ligase, mitochondrial (MARS2)

<b>Product Code</b>	CSB-EP836221HU-B
<b>Abbreviation</b>	MARS2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q96GW9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	S SGSL SAGDDA CDV RAYFTTP IFYVNAAPHI GHLYSALLAD ALCRHRRLRG PSTAATRFST GTDEHGLKIQ QAAATAGLAP TELCDRVSEQ FQQLFQEAGI SCTDFIRTTE ARHRVAVQHF WGV LKSRG LL YKGVYEGWYC ASDECFLPEA KVTQQPGPSG DSFPVSLESG HPVSWTKEEN YIFRLSQFRK PLQRWLRGNP QAITPEPFHH VVLQWLDEEL PDL SVSRRSS HLHWGIPVPG DDSQTIYVWL DALVNYLTVI GYPNAEFKSW WPATSHIIGK DILKFHAIYW PAFLLGAGMS PPQRICVHSH WTVCGQKMSK SLGNVVDPR T CLNRYTVDGF RYFLLRQGVP NWDCDYDEK VVKLLNSELA DALGGLLNRC TAKRINPSET YPAFCTTCFP SEPGLVGPSV RAQAEDYALV SAVATLPKQV ADHYDNFRIY KALEAVSSCV RQTNGFVQRH APWKLNWESP VDAPWLGTVL HVALECLR VF GTLLQPVT PS LADKLLSRLG VSASERSLGE LYFLPRFYGH PCPFEGRRLG PETGLLFPRL DQSRTWLVKA HRT
<b>Source</b>	E.coli
<b>Target Names</b>	MARS2
<b>Protein Names</b>	Recommended name: Methionine--tRNA ligase, mitochondrial EC= 6.1.1.10 Alternative name(s): Methionyl-tRNA synthetase 2 Mitochondrial methionyl-tRNA synthetase Short name= MtMetRS
<b>Expression Region</b>	30-593
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



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