

Recombinant Human MECR protein, GST-tagged

Cat. No. MECR-1824H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MECR protein(1-373 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-373 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MWVCSTLWRVRTPARQWRGLLPASGCHGPAASSYSASAEPARVRALVYGHGGDP AKVVELKNLELAAVRGSDVRVKMLAAPINPSDINMIQGNYGLLPELPAVGGNEGVAQ VVAVGNSVTGLKPGDWVIPANAGLGTWRTEAVFSEEALIQVPSDIPLQSAATLGVNP CTAYRMLMDFEQLQPGDSVIQNASNSGVGQAVIQIAAALGLRTINVVRDRPDIQKLS DRLKSLGAEHVITEEELRRPEMKNFFKDMPQPRALNLCVGGKSSTELLRQLARGGT MVTYGGMAKQPVVASVLLIFKDLKLRGFWLSQWKKDHSPDQFKELILTCLDLIRRG QLTAPACSQVPLQDYQSALEASMKPFISSKQILTM
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

[MECR mitochondrial trans-2-enoyl-CoA reductase \[Homo sapiens \]](#)

Official Symbol

[MECR](#)

Synonyms

MECR; mitochondrial trans-2-enoyl-CoA reductase; trans-2-enoyl-CoA reductase, mitochondrial; CGI 63; FASN2B; mitochondrial 2 enoyl thioester reductase; NRBF1; nuclear receptor binding factor 1; NRBF-1; hsNrbf-1; nuclear receptor-binding factor 1; mitochondrial 2-enoyl thioester reductase; homolog of yeast 2-enoyl thioester reductase; CGI-63;

Gene ID

[51102](#)

mRNA Refseq

[NM_001024732](#)

Protein Refseq

[NP_001019903](#)

MIM

[608205](#)

UniProt ID

[Q9BV79](#)

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