

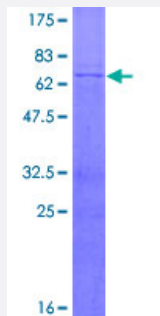
Full-Length

MECR (Human) Recombinant Protein (P01)

Catalog # H00051102-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MECR full-length ORF (NP_057095.2, 1 a.a. - 373 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWVCSTLWRVRTPARQWRGLLPASGCHGPAASSYSASAEPARVRALVYGHGDPKVVVELKN
LELAAVRGSDVRVKMLAAPINPSDINMIQGNYGFLPELPAVGGNEGVAQVVAVGSNVTGLKPGD
WVIPANAGLGTWRTEAVFSEEALIQVPSDIPLQSAATLGVNPTAYRMLMDFEQLQPGDSVIQNA
SNSGVGQAVIQIAAALGLRTINVVRDRPDQKLSLDRKSLGAEHVITEEELRRPEMKNFFKDMPQP
RLALNCVGGKSSTELLRQLARGGTMVTYGGMAKQPVVASVSLIFKDLKLRGFWLSQWKKDHSP
DQFKELILTCLDIRRGQLTAPACSQVPLQDYQSALEASMKPFISSKQILTM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.9

Interspecies Antigen Sequence

Mouse (81); Rat (81)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MECR

Entrez GeneID[51102](#)**GeneBank Accession#**[NM_016011.2](#)**Protein Accession#**[NP_057095.2](#)**Gene Name**

MECR

Gene Alias

CGI-63, FASN2B, NRBF1

Gene Description

mitochondrial trans-2-enoyl-CoA reductase

Omim ID[608205](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

mitochondrial

Other Designations

OTTHUMP00000065098|OTTHUMP00000065099|homolog of yeast 2-enoyl thioester reductase|mitochondrial 2-enoyl thioester reductase|nuclear receptor binding factor 1|trans-2-enoyl-CoA reductase, mitochondrial

Pathway

- [Fatty acid elongation in mitochondria](#)

- [Metabolic pathways](#)