

Recombinant Full Length Human MECR Protein, GST-tagged

Cat. No. MECR-6129HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MECR full-length ORF (NP_057095.2, 1 a.a. - 373 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	373 amino acids
Description	The protein encoded by this gene is an oxidoreductase that catalyzes the last step in mitochondrial fatty acid synthesis. Defects in this gene are a cause of childhood-onset dystonia and optic atrophy. [provided by RefSeq, Mar 2017]
Molecular Mass	66.9 kDa
AA Sequence	MWVCSTLWRVRTPARQWRGLLPASGCHGPAASSYSASAEPARVRALVYGHGDP AKVVELKNLELAAVRGSDVRVKMLAAPINPSDINMIQGNYGFLPELPAVGGNEGVAQ VVAVGSNVTGLKPGDWIPANAGLGTWRTEAVFSEEALIQVPSDIPLQSAATLGVNP CTAYRMLMDFEQLQPGDSVIQNASNSGVGQAVIQIAAALGLRTINVVRDRPDQIKLS DRLKSLGAEHVITEEELRRPEMKNFFKDMPQPRLALNCVGGKSSTELLRQLARGGT MVTYGGMAKQPVVASVSLLIFKDLKLRGFWLSQWKKDHSPDQFKELILTCLDLIRRG QLTAPACSQVPLQDYQSALEASMKPFISSKQILTM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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; hsNrnf-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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