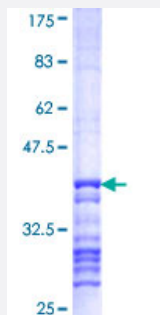


MECR (Human) Recombinant Protein (Q01)

Catalog # H00051102-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MECR partial ORF (NP_057095, 43 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VRALVYGHGDPKAVVELKNLELAAVRGSDVRVKMLAAPINPSDINMIQGNYGFLPELPAVGGNE GVAQVVAVGSNVTGLKPGDWVIPANAGLGTWRTEAVFSEEALIQV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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
Protein Accession#	NP_057095
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](#)