

## MECR Protein, Human (HEK293, His)

<b>Cat. No.:</b>	HY-P70140
<b>Synonyms:</b>	rHuEnoyl-[acyl-carrier-protein] reductase, mitochondrial/MECR, His; Trans-2-Enoyl-CoA Reductase Mitochondrial; Nuclear Receptor-Binding Factor 1; HsNr1f-1/NR1F-1; MECR; NBRF1
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	AAH01419.1 (P54-M373)
<b>Gene ID:</b>	51102
<b>Molecular Weight:</b>	Approximately 39.0 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>           P A K V V E L K N L    E L A A V R G S D V    R V K M L A A P I N    P S D I N M I Q G N            Y G F L P E L P A V    G G N E G V A Q V V    A V G S N V T G L K    P G D W V I P A N A            G L G T W R T E A V    F S E E A L I Q V P    S D I P L Q S A A T    L G V N P C T A Y R            M L M D F E Q L Q P    G D S V I Q N A S N    S G V G Q A V I Q I    A A A L G L R T I N            V V R D R P D I Q K    L S D R L K S L G A    E H V I T E E E L R    R P E M K N F F K D            M P Q P R L A L N C    V G G K S S T E L L    R Q L A R G G T M V    T Y G G M A K Q P V            V A S V S L L I F K    D L K L R G F W L S    Q W K K D H S P D Q    F K E L I L T L C D            L I R R G Q L T A P    A C S Q V P L Q D Y    Q S A L E A S M K P    F I S S K Q I L T M         </p>
<b>Biological Activity</b>	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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