

## 32-2531: MECR Recombinant Protein

**Alternative Name :** NRBF1,CGI-63,FASN2B,EC 1.3.1.38,MECR,Mitochondrial Trans-2-Enoyl-CoA Reductase.

### Description

Source : Escherichia Coli. MECR Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 341 amino acids (54-373 a.a.) and having a molecular mass of 49.8 kDa. The MECR is fused to 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. MECR catalyzes the reduction of trans-2-enoyl-CoA to acyl-CoA with chain length from C6 to C16 in an NADPH dependent manner with preference to medium chain length substrate. MECR protein takes part in the mitochondrial synthesis of fatty acids.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	MECR Human solution containing 20mM Tris pH-8, 0.2M NaCl, 5mM DTT & 20% glycerol.
<b>Storage condition :</b>	MECR Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MPAKVVELKN LELAAVRGSD VRVKMLAAPI NPSDINMIQG NYGLLPELPA VGGNEGVAQV VAVGSNVTGL KPGDWVIPAN AGLGTWRTEA VFSEEALIQV PSDIPLQSAATLGVNPCTAY RMLMDFEQLQ PGDSVIQNAS NSGVGOAVIQ IAAALGLRTI NVVRDRPDIQ KLSDRKSLG AEHVITEEEL RRPEMKNFFK DMPQPRALN CVGGKSSTEL LRQLARGGTM VTYGGMAKQP VVASVLLIF KDKLGRFVWL SQWKKDHSPD QFKELILTLC DLIRRGQLTA PACSQVPLQD YQSALEASMK PFISSKQILT M.

