

Product datasheet for **AR09544PU-N**

MECR (54-373, His-tag) Human Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | MECR (54-373, His-tag) human recombinant protein, 50 µg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SSGLVPRGSH MPAKVVELKN LELAAVRGSD VRVKMLAAPI NPSDINMIQG NYGLLPELPA VGGNEGVAQV VAVGSNVTGL KPGDWWIPAN AGLGTWRTEA VFSEEALIQV PSDIPLQSAA TLGVNPCTAY RMLMDFEQLQ PGDSVIQNAS NSGVGQAVIQ IAAALGLRTI NVVRDRPDIQ KLSDRCLKSLG AEHVITEEEL RRPEMKNFFK DMPQPRLALN CVGGKSSTEL LRQLARGGTM VTYGGMAKQP WASVSLIF KDLKLRGFWL SQWKKDHSPD QFKELILTLCDLIRRGQLTA PACSQVPLQD YQSALEASMK PFISSKQILT M</u> |
| Tag: | His-tag |
| Predicted MW: | 36.9 kDa |
| Concentration: | lot specific |
| Purity: | >90% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5 mM DTT, 20% glycerol |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human MECR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_001019903</u> |
| Locus ID: | 51102 |
| UniProt ID: | <u>Q9BV79, Q9BV79-2</u> |
| Cytogenetics: | 1p35.3 |
| Synonyms: | CGI-63; DYTOABG; ETR1; FASN2B; NRBF1 |



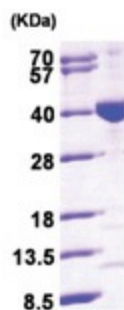
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Summary: The protein encoded by this gene is an oxidoreductase that catalyzes the last step in mitochondrial fatty acid synthesis. Defects in this gene are a cause of childhood-onset dystonia and optic atrophy. [provided by RefSeq, Mar 2017]

Protein Families: Druggable Genome

Protein Pathways: Fatty acid elongation in mitochondria, Metabolic pathways

Product images:



15% SDS-PAGE (3ug)