

Product datasheet for **AR09544PU-L**

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

Product data:

Product Type:	Recombinant Proteins
Description:	MECR (54-373, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MPAKVELKN</u> LELAAVRGSD VRVKMLAAPI NPSDINMIQG NYGLLPELPA VGGNEGVAQV VAVGSNVTGL KPGDWWIPAN AGLGTWRTEA VFSEEALIQV PSDIPLQSAA TLGVNPCTAY RMLMDFEQLQ PGDSVIQNAS NSGVGQAVIQ IAAALGLRTI NVVRDRPDIQ KLSDRLKSLG AEHVITEEEL RRPEMKNFFK DMPQPRLALN CVGGKSSTEL LRQLARGGTM VTYGGMAKQP WASVSLIF KDLKLRGFWL SQWKKDHSPD QFKELILTLC DLIRRGQLTA PACSQVPLQD YQSALEASMK PFISSKQILT M
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</u> , <u>Q9BV79-2</u>
Cytogenetics:	1p35.3
Synonyms:	CGI-63; DYTOABG; ETR1; FASN2B; NRBF1



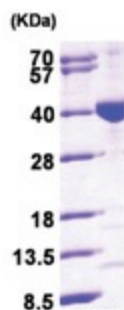
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Summary: The protein encoded by this gene is an oxidoreductase that catalyzes the last step in mitochondrial fatty acid synthesis. Defects in this gene are a cause of childhood-onset dystonia and optic atrophy. [provided by RefSeq, Mar 2017]

Protein Families: Druggable Genome

Protein Pathways: Fatty acid elongation in mitochondria, Metabolic pathways

Product images:



15% SDS-PAGE (3ug)