

Recombinant Human MECR Protein

Catalog #	Source	Reactivity	Applications
CRP1952	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human MECR Protein is produced by our mammalian expression system and the target gene encoding Pro54-Met373 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	MECR		
Alternative Names	NBRF1; Trans-2-enoyl-CoA reductase mitochondrial; Nuclear receptor-binding factor 1; HsNrnf-1; NRBF-1		
Entrez Gene	51102 (Human)		
SwissProt	Q9BV79 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	PAKVVELKNL ELAAVRGSDV RVKMLAAPIN PSDINMIQGN YGLLPELPAV GGNEGVAQVV AVGSNVTGLK PGDWVIPANA GLGTWRTEAV FSEEALIQVP SDIPLQSAAT LGVNPCTAYR MLMDFEQLQP GDSVIQNASN SGVGQAVIQI AAALGLRTIN VVRDRPDIQK LSDRLKSLGA EHVITEEELR RPEMKNFFKD MPQPRALNC VGGKSSTELL RQLARGGTMV TYGGMAKQPV VASVLLIFK DLKLRGFWLS QWKKDHSPDQ FKELILTLCD LIRRGQLTAP ACSQVPLQDY QSALEASMKP FISSKQILTM VDHSHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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