

## Recombinant Human MDH2 Protein

Catalog #	Source	Reactivity	Applications
CRP2196	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human MDH2 Protein is produced by our mammalian expression system and the target gene encoding Ala25-Lys338 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	MDH2		
<b>Alternative Names</b>	Malate dehydrogenase mitochondrial		
<b>Entrez Gene</b>	4191 (Human)		
<b>SwissProt</b>	P40926 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	AKVAVLGASG GIGQPLSLLL KNSPLVSRLL LYDIAHTPGV AADLSHIETK AAVKGYLGPE QLPDCLKGCD VVVIPAGVPR KPGMTRDDL NNTNATIVATL TAACAQHCPE AMICVIANPV NSTIPITAEV FKKHGVYNPN KIFGVTTLDI VRANTFVAEL KGLDPAVNV PVIGGHAGKT IIP LISQCTP KVDFPQDQLT ALTGRIQEAG TEVVKAKAGA GSATLSMAYA GARFVFSLVD AMNGKEGVVE CSFVKSQETE CTYFSTPLLL GKKGIEKNLG IGKVSSFEEK MISDAIPELK ASI KKGEDFV KTLKVDHHHH HH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**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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**WEB**  
www.cohesionbio.com

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order@cohesionbio.com

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techsupport@cohesionbio.com

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