

Recombinant Human MDH2 protein, His-SUMO-tagged

Cat. No. MDH2-3216H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MDH2 protein(P40926)(25-338aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-338aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49 kDa
AA Sequence	AKVAVLGASGGIGQPLSLLLKNSPLVSRLLTYDIAHTPGVAADLSHIETKAAVKGYLG PEQLPDCLKGCDVVVIPAGVPRKPGMTRDDLNTNATIVATLTAACAQHCPEAMICVI ANPVNSTIPITAEVFKKHGVYNPKNKIFGVTTLDIVRANTFVAELKGLDPARVNVPIGG HAGKTIIPILISQCTPKVDFPQDQLTALTGRIQEAGTEVVKAKAGAGSATLSMAYAGAR FVFSLV DAMNGKEGVVECSFVKSQETECTYFSTPLLLGKKGIEKNLGIGKVSSFE EK MISDAIPELKASIKKGEDFVKTLK
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name MDH2 malate dehydrogenase 2, NAD (mitochondrial) [Homo sapiens]

Official Symbol MDH2

Synonyms MDH2; malate dehydrogenase 2, NAD (mitochondrial); malate dehydrogenase, mitochondrial; MDH; MOR1; M-MDH; MGC:3559;

Gene ID 4191

mRNA Refseq NM_005918

Protein Refseq NP_005909

MIM 154100

UniProt ID P40926

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