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	AKVAVLGASGGIGQPLSLLLKNSPLVSRLTLYDIAHTPGVAADLSHIETKAAVKGYLG PEQLPDCLKGCDVVVIPAGVPRKPGMTRDDLFNTNATIVATLTAACAQHCPEAMICVI ANPVNSTIPITAEVFKKHGVYNPNKIFGVTTLDIVRANTFVAELKGLDPARVNVPVIGG HAGKTIIPLISQCTPKVDFPQDQLTALTGRIQEAGTEVVKAKAGAGSATLSMAYAGAR FVFSLVDAMNGKEGVVECSFVKSQETECTYFSTPLLLGKKGIEKNLGIGKVSSFEEK 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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