

Recombinant Rat Mdh1 protein, His-tagged

Cat. No. Mdh1-2528R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mdh1 protein(O88989)(Met4-Ala334), fused with His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met4-Ala334
Form	Lyophilized from sterile 20mM Tris, 10% glycerol, pH 8.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat MDH1 comprises 345 amino acids and predicts a molecular mass of 38 kDa. The apparent molecular mass of the rat MDH1 is approximately 39 kDa in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Mdh1 malate dehydrogenase 1, NAD (soluble) [Rattus norvegicus]
Official Symbol	Mdh1
Synonyms	MDH1; malate dehydrogenase 1, NAD (soluble); malate dehydrogenase, cytoplasmic; malate dehydrogenase, soluble; cytosolic malate dehydrogenase; Malate dehydrogenase-like enzyme; MDL1; Mdhl; Mor2;
Gene ID	24551
mRNA Refseq	NM_033235
Protein Refseq	NP_150238

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