

Product datasheet for PH310625

MDH1B (NM_001039845) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MDH1B MS Standard C13 and N15-labeled recombinant protein (NP_001034934)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210625
Predicted MW:	58.7 kDa
Protein Sequence:	>RC210625 protein sequence Red =Cloning site Green =Tags(s)

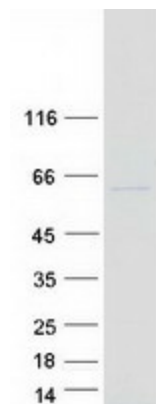
MAKFVIAGRADCPYYAKTELVDYLQKNLPDFRIHKITQRPEVWEDWLKDVCEKNKWSHKNSPIIWRELL
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 APACYNLIPILTSGEVFGMHTEISITLFDNKQAEHLKSLVVETQDLASPVLRVSICTKVVEEAFRQAHV
 IVVLDSTNKEVFTLEDCLRSRVPLCRLYGYLIEKNAHESVRVIVGGRTFVNLKTVLLMRYAPRIAHNII
 AVALGVEGEAKAILARKLKTAPSYIKDVIWGNISGNNYVDLRKTRVRYESAIWGPLHYSRPVNLIFD
 SEWVKREFVAILKNLTTTGRQFGGILAAHSIATTLKYWYHGSPGGEIVSLGILSEGQFGIPKGIVFSMPV
 KFENGTWVVLTDLDVEISEQIMTRMTSDLIQEKLVAGDKIHFPYQSGHKDLVPDEEKNLAMSDAAEF
 PNQIPQTTFEKPSLEFLNEFEGKTVES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001034934
RefSeq Size:	2564
RefSeq ORF:	1554


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Synonyms: RP11-95H11
Locus ID: 130752
UniProt ID: [Q5I0G3](#)
Cytogenetics: 2q33.3

Product images:


Coomassie blue staining of purified MDH1B protein (Cat# [TP310625]). The protein was produced from HEK293T cells transfected with MDH1B cDNA clone (Cat# [RC210625]) using MegaTran 2.0 (Cat# [TT210002]).