

Recombinant Human MYOD1 Protein, His-tagged

Cat. No. MYOD1-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human myogenic differentiation 1 (MYOD1), Cys101-End, with N-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	101-end a.a.
Description	This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	23.4 kDa
Purity	> 80%
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

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

Concentration >50 ug/mL

tmpcolum67 myogenic differentiation 1

GENE INFORMATION

Gene Name MYOD1 myogenic differentiation 1 [Homo sapiens (human)]

Official Symbol MYOD1

Synonyms bHLHc1; MYF3; MYOD; MYODRIF; PUM

Gene ID 4654

mRNA Refseq NM_002478

Protein Refseq NP_002469

MIM 159970

UniProt ID P15172

SDS-PAGE Purified recombinant protein MYOD1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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