

Recombinant Human MYF5 Protein, His-tagged

Cat. No. MYF5-2333H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MYF5 protein, fused to His-tagged at N-terminus, was expressed in E. coli
Species	Human
Source	E.coli
Description	Acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. Together with MYOG and MYOD1, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein. [UniProtKB/Swiss-Prot Function]
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80 Centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	28.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	MYF5 myogenic factor 5 [Homo sapiens]
Official Symbol	MYF5
Synonyms	bHLHc2
Gene ID	4617
mRNA Refseq	NM_005593
Protein Refseq	NP_005584
MIM	159990
UniProt ID	P13349

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