

Recombinant Human MEF2B cell lysate

Cat. No. MEF2B-1075HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene represents numerous read-through transcripts that span geneID:729991 and 100271849. Many read-through transcripts are predicted to be nonsense-mediated decay (NMD) candidates, and are thought to be non-coding. Some transcripts are predicted to be capable of translation reinitiation at a downstream AUG, resulting in expression of at least one isoform of myocyte enhancer factor 2B (MEF2B) from this read-through locus. At least one additional MEF2B variant and isoform can be expressed from a downstream promoter, and is annotated on geneID:100271849.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	MEF2B myocyte enhancer factor 2B [Homo sapiens]
Official Symbol	MEF2B

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Synonyms	MEF2B; myocyte enhancer factor 2B; myocyte-specific enhancer factor 2B; RSRFR2; serum response factor-like protein 2; MADS box transcription enhancer factor 2, polypeptide B (myocyte enhancer factor 2B); FLJ32648;
Gene ID	100271849
mRNA Refseq	NM_001145785
Protein Refseq	NP_001139257
MIM	600661
UniProt ID	Q02080
Chromosome Location	19p13.11
Pathway	Energy Metabolism, organism-specific biosystem;
Function	DNA binding; histone deacetylase binding; protein dimerization activity; sequence-specific DNA binding transcription factor activity;

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