

Recombinant Human MEF2A Protein, His-tagged

Cat. No. MEF2A-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MEF2A Protein (1-499 (Full Length)) with 6xHis tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-499
Description	The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	54.7 kDa
Purity	>90% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis monoclonal (WB).
Applications	ELISA, Western Blot, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-GST

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	monoclonal and peptide fingerprinting by MALDI-TOF mass spectrometry.
Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	PBS.
Shipping	Dry Ice

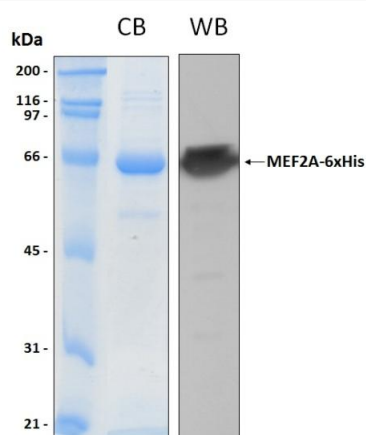
GENE INFORMATION

Gene Name	MEF2A myocyte enhancer factor 2A [Homo sapiens (human)]
Official Symbol	MEF2A
Synonyms	MEF2A; myocyte enhancer factor 2A; mef2; ADCAD1; RSRFC4; RSRFC9; myocyte-specific enhancer factor 2A; MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A); serum response factor-like protein 1
Gene ID	4205
mRNA Refseq	NM_005587
Protein Refseq	NP_005578
MIM	600660
UniProt ID	Q02078

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