A Reliable Research Partner in Life Science and Medicine

Recombinant Human MEF-2C protein (His Tag)

Catalog Number: PDEH101038

Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Species Human

Source Ecoli-derived Human MEF-2C protein Pro101-Trp350, with an N-terminal His & C-

terminal His

Calculated MW27.4 kDaObserved MW32 kDaAccessionQ06413-1

Bio-activity Not validated for activity

Properties

Purity > 95% as determined by reducing SDS-PAGE.

Endotoxin < 10 EU/mg of the protein as determined by the LAL method

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

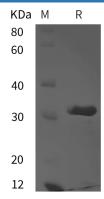
ShippingThis product is provided as lyophilized powder which is shipped with ice packs.FormulationLyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5%

Mannitol

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of

0.5 mg/mL. Concentration is measured by UV-Vis.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

MEF2C (Myocyte enhancer factor-2C) is a transcriptional activator that is a member of the MEF2 subfamily, MADS (MCM1, Agamous, Deficiens, Serum response factor) gene family of proteins. Although its predicted MW is 51 kDa, it runs anomalously at 57 kDa in SDS-PAGE. It is expressed in B cells, plus postmitotic neurons and skeletal muscle cells that are undergoing differentiation.