Recombinant Human MEF-2C Protein (His Tag)

Catalog Number: PDEH101038

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

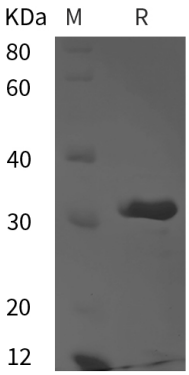
Description

Species	Human
Source	E.coli-derived Human MEF-2C protein Pro101-Trp350, with an N-terminal His & C-terminal His
Calculated MW	27.4 kDa
Observed MW	32 kDa
Accession	Q06413-1
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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized 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



SDS-PAGE analysis of Human MEF-2C proteins, 2 μg/lane of Recombinant Human MEF-2C proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 32 kDa.

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.

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