Recombinant Human PPM1G/PP2C-gamma Protein (aa 317-546, His Tag)

Catalog No. PKSH031182

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

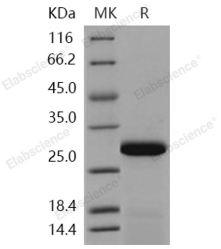
Description

Synonyms	Protein Phosphatase 1G;Protein Phosphatase 1C;Protein Phosphatase 2C Isoform Gamma;PP2C-Gamma;Protein Phosphatase Magnesium-Dependent 1 Gamma;PPM1G;PP2CG;PP2CGAMMA
Species	Human
Expression Host	E.coli
Sequence	Met 317-Asp 546
Accession	O15355
Calculated Molecular Weight	26.6 kDa
Observed molecular weight	30 kDa
Tag	N-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile 50mM Tris, 1mM DTT, 20% glycerol, pH 7.5 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Protein phosphatase 1G; also known as Protein phosphatase 1C; Protein phosphatase 2C isoform gamma; Protein phosphatase magnesium-dependent 1 gamma; PP2C-gamma; PPM1G and PPM1C; is a cytoplasm protein which belongs to thePP2C family. PPM1G / PP2C-gamma is widely expressed. It is most abundant in testis; skeletal muscle; and heart. Alternatively spliced transcript variants encoding the same protein have been described. PP2C family members are known to be negative regulators of cell stress response pathways. PPM1G / PP2C-gamma is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors; which is important for the formation of functional spliceosome. PPM1G / PP2C-gamma also plays a role in regulating cell cycle progression.

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