

Recombinant Human PPM1G/PP2C-gamma Protein (His Tag)



Catalog Number:PKSH032970

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

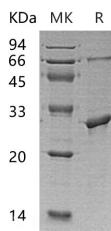
Description

| | |
|------------------------------------|---|
| 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 | Met317-Asp546 |
| Accession | O15355 |
| Calculated Molecular Weight | 26.2 kDa |
| Observed molecular weight | 30 kDa |
| Tag | C-His |

Properties

| | |
|-----------------------|--|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per μ g of the protein as determined by the LAL method. |
| Storage | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. |
| Shipping | This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C. |
| Formulation | Supplied as a 0.2 μ m filtered solution of 25mM Tris-HCl, 1mM DTT, 1mM EDTA, 2mM β -ME, 20% Glycerol, pH 7.5. |
| Reconstitution | Not Applicable |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Protein Phosphatase 1G (PP1MG) is a cytoplasmic protein that belongs to the PP2C family. PPM1G is widely expressed; it is abundant in testis; skeletal muscle; and heart. PPM1G is a negative regulator of cell stress response pathways. PPM1G is responsible for the dephosphorylation of Pre-mRNA splicing factors; an important factor for the formation of functional spliceosome. PPM1G also plays a role in regulating cell cycle progression.

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