

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

Catalog Number: PKSH032970

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

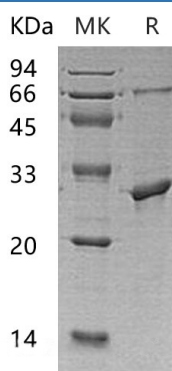
Description

Species	Human
Source	E.coli-derived Human PPM1G;PP2C-gamma protein Met317-Asp546, with an C-terminal His
Calculated MW	26.2 kDa
Observed MW	30 kDa
Accession	O15355
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg 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 µm filtered solution of 25mM Tris-HCl, 1mM DTT, 1mM EDTA, 2mM β-ME, 20% Glycerol, pH 7.5.

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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