

32-7138: Recombinant Human Protein Phosphatase 1G/PP1MG (C-6His)(Discontinued)

Gene : PPM1G
Gene ID : 5496
Uniprot ID : O15355

Description

Source: E.coli.
MW :26.15kD.

Recombinant Human PP1MG is produced by our E.coli expression system and the target gene encoding Met317-Asp546 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 25mM TrisHCl, 1mM DTT, 1mM EDTA, 2mM beta-ME, 20% Glycerol, pH 7.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MEGKEEPGSDSGTTAVVALIRGKQLIVANAGDSRCVSEAGKALDMSYDHPKPEDEVELARIKNAGGKVTMDG
RVNGGLNLSRAIGDHFYKRKNLPPPEEQMISALPDIKVLTLDHDFMVIACDGIWNVMSSQEVVDFIQSKISQR
DENGELRLLSSIVEELLDQCLAPDTSGDGTGCDNMTCIICFKPRNTAELQPESGKRKLEEVLSTEGAEENGNSD
K K K K A K R D L E H H H H H H H H

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.