

PP2Cgamma recombinant protein

PP2Cgamma, Active

CATALOG # AAA73790	HOST Sf9 insect cells	APPLICATIONS Western Blot
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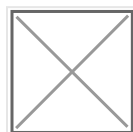
PRODUCT SYNONYMS

PP2Cgamma; Active; PP2C-GAMMA; PP2CG; PPM1G; PPP2CG; MGC1675; MGC2870; PP2Cgamma recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 20mM MOPS, pH7.5, 300mM NaCl, 10mM glutathione, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for PP2Cgamma recombinant protein	WB (Western Blot), Phosphatase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Enzyme Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for PP2Cgamma recombinant protein	Recombinant full-length human PP2Cg was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_177983. PP2Cgamma is a member of the PP2C family of Ser/Thr protein phosphatases which are known to be negative regulators of cell stress response pathways. PP2C gamma is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome (1). PP2C gamma is highly expressed in testis, skeletal muscle, and heart (2). PP2C gamma also plays a main role in regulating cell cycle progression.
Product Categories/Family for PP2Cgamma recombinant protein	Phosphatases ; Cancer ; Cardiovascular Disease ; Cell Cycle ; ERK/MAPK Pathway ; Metabolic Disorder ; Phosphatases ; Ser/Thr Kinases
References	1. Murray, M. V. et.al: The type 2C Ser/Thr phosphatase PP2C-gamma is a pre-mRNA splicing factor. Genes Dev. 13: 87-97, 1999. 2. Travis, S. M. et.al: PP2C-gamma: a human protein phosphatase with a unique acidic domain. FEBS Lett. 412: 415-419, 1997.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_177983
Molecular Weight	~105kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pp2cgamma-recombinant-protein-sf9-insect-cells-wb-western-blot-phosphatase-assay/73790>