

## Recombinant Human PIK3C2G (N-GST tag)

Cat No:HR2R1860

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	PIK3C2G
Gene ID	N/A
Accession	BC130277
Alternative Name	MGC163149; PI3K-C2GAMMA
Species	Human
Source	Insect cells
Description	<p>PIK3C2G belongs to the phosphoinositide 3-kinase (PI3K) family which plays main roles in signaling pathways and involved in cell proliferation, oncogenic transformation, cell survival, cell migration, and intracellular protein trafficking . PIK3C2G contains a lipid kinase catalytic domain as well as a C-terminal C2 domain, a characteristic of class II PI3-kinases that act as calcium-dependent phospholipid binding motifs which mediate translocation of proteins to membranes, and may also mediate protein-protein interactions and the N-terminal region of PIK3C2G and the C-terminal C2 domain are required for enzymatic activity .</p>
Functions	The specific activity of PIK3C2G was determined to be 280 nmol /min/mg as per activity assay protocol
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	110
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at -70°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.