Recombinant Human CK1 gamma 1 (N-GST tag)

Cat No:HR2R1277

For research use only

Overview

Quantity	10 ?g
Gene Symbol	CK1?1
Gene ID	N/A
Accession	NM_022048
Alternative Name	CK1G1; CSNK1G1; CKI-gamma 1
Species	Human
Source	Insect cells
Description	CK1?1 or casein kinase 1, gamma 1 is belonging to the most abundant serine/threonine kinase in eukaryotic cell extracts which is mainly involved in growth and morphogenesis of eukaryotic cells. Casein kinase 1, gamma 1 possesses a C-terminal most terminal sequence motif (MTM), which it shares with CSNK1G2 and CSNK1G3 which is associated with heterologous carboxy-terminal sequences . Casein kinase 1-gamma couples Wnt receptor activation to the cytoplasmic signal transduction apparatus .
Functions	The specific activity of CK1?1was determined to be 82 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	70
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.