Recombinant Human CK2 alpha 1 (N-GST tag)

Cat No:HR2R1280

For research use only

Overview

Quantity	10 ?g
Gene Symbol	CK2a1
Gene ID	N/A
Accession	NM_001895
Alternative Name	CKII; CK2A1; CKII&alpha
Species	Human
Source	Insect cells
Description	CK2a is a serine-threonine protein kinase whose targets include many critical regulators of cellular growth. It is highly expressed in a lymphopro-liferative disease of cattle and in many human cancers. Overexpression of the CK2 catalytic subunit in lymphocytes of transgenic mice leads to T cell lymphoma . The highest CK2a1 activity is found in mouse testicles and brain, followed by spleen, liver, lung, kidney and heart .?
Functions	The specific activity of CK2a1 was determined to be 107 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 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.