Recombinant Human BUB1B (N-GST tag)

Cat No:HR2R1212

For research use only

Overview

Quantity	10 ?g
Gene Symbol	BUB1B
Gene ID	N/A
Accession	NM_001211
Alternative Name	SSK1, BUBR1, Bub1A, MAD3L, hBUBR1, BUB1beta
Species	Human
Source	Insect cells
Description	BUB1B or budding uninhibited by benzimidazoles 1 homolog beta is involved in spindle checkpoint function and has been localized to the kinetochore. BUB1B plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation . BUB1B links the regulation of chromosome-spindle attachment to mitotic checkpoint signaling . BUB1B expression during the spindle checkpoint is dependent on residual BUB1B expression and impaired spindle checkpoint function has been found in many forms of cancer. BUB1B is essential for early embryonic development and normal hematopoiesis.
Functions	The specific activity of BUB1B was determined to be 1.5 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	73
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.