

Datasheet for ABIN667117

Aurora A Protein (AA 1-403) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Aurora A (AURKA)
Protein Characteristics:	AA 1-403
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aurora A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Aurora kinase A, 1-403aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	Aurora A (AURKA)
Alternative Name:	Aurora kinase A (AURKA Products)
Background:	Aurora Kinase A is a member of a family of mitotic serine/threonine kinases. It is implicated with important processes during mitosis and meiosis whose proper function is integral for healthy cell proliferation. Aurora kinase A is highly expressed in testis and weakly in skeletal muscle, thymus and spleen. Also this protein plays a crucial role in tumourigenesis and is overexpressed in many kinds of cancers. Recombinant human Aurora-A fused to His-tag at N-

Target Details

	terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Serine/threonine-protein kinase 6, Aurora-A, AIK, ARK1, AURA, BTAK, STK15, STK6, Aurora kinase A, AURKA, Serine/threonine-protein kinase 6 Aurora 2, Aurora A, aurora kinase A, IAK, Serine/threonine kinase 15. NCBI no.: NP_003591
Molecular Weight:	47.9 kDa (423aa)
Pathways:	Cell Division Cycle , Asymmetric Protein Localization

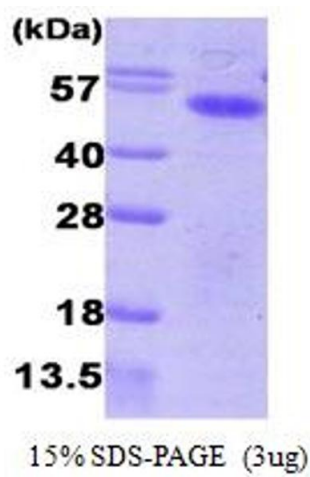
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.5mM DTT, 100mM NaCl, 0.1mM EDTA, 0.1mM EGTA, 0.1mM PMSF, 20% glycerol.
Storage:	4 °C

Images



SDS-PAGE
Image 1.