

Bioactive

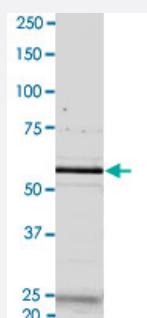
Full-Length

AURKC (Human) Recombinant Protein

Catalog # P4653

Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human AURKC (NM_003160, 1 a.a. - 275 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	58.48
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	One-step affinity purification using GSH-agarose
Concentration	0.116 ug/uL

Activity	4 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — AURKC

Entrez GeneID	6795
Protein Accession#	NM_003160
Gene Name	AURKC
Gene Alias	AIE2, AIK3, AurC, STK13, aurora-C
Gene Description	aurora kinase C
Omim ID	243060 603495
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	aurora/IPL1-related kinase 3 aurora/IPL1/EG2 protein 2 serine/threonine kinase 13 (aurora/IPL1-like)

Disease

- [Infertility](#)