

## Recombinant Human AURKC protein, GST-tagged

Cat. No. AURKC-1039H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human AURKC full-length ORF ( NP_001015878.1, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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, Jul 2008]
<b>Molecular Mass</b>	62 kDa
<b>AA Sequence</b>	MSSPRAVVQLGKAQPAGEELATANQTAQQPSSPAMRRLTVDDFEIGRPLGKGKFG NVYLARLKESHFIVALKVLFSQIEKEGLEHQLRREIEIQAHLQHPNILRLYNYFHDAR RVYLILEYAPRGELYKELQKSEKLDEQRTATIIIEELADALTYCHDKKVIHRDIKPENLLL GFRGEVKIADFGWSVHTPSLRRKTCMGTLDYLPPEMIEGRTYDEKVDLWCIGVLCY ELLVGYPPEFESASHSETYRRILKVDVRFPLSMPLGARDLISRLLRYQPLERLPLAQILK HPWVQAHSRRVLPPCAQMAS
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

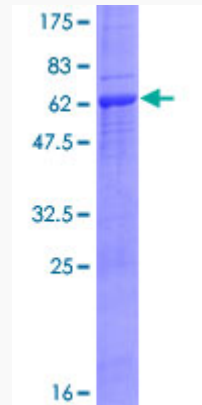
## GENE INFORMATION

<b>Gene Name</b>	<a href="#">AURKC aurora kinase C [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">AURKC</a>
<b>Synonyms</b>	AURKC; aurora kinase C; serine/threonine kinase 13 (aurora/IPL1 like) , STK13; ARK3; AurC; ARK-3; aurora 3; aurora-related kinase 3; aurora/IPL1/EG2 protein 2; aurora/IPL1-related kinase 3; serine/threonine-protein kinase 13; serine/threonine-protein kinase aurora-C; serine/threonine kinase 13 (aurora/IPL1-like); AIE2; AIK3; SPGF5; STK13; aurora-C;
<b>Gene ID</b>	<a href="#">6795</a>
<b>mRNA Refseq</b>	<a href="#">NM_001015878</a>
<b>Protein Refseq</b>	<a href="#">NP_001015878</a>
<b>MIM</b>	<a href="#">603495</a>
<b>UniProt ID</b>	<a href="#">Q9UQB9</a>

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12.5% SDS-PAGE Stained with Coomassie Blue.

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