

Recombinant Human AURKC protein, GST-tagged

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

SPECIFICATION

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

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Antibody Production; Protein Array

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

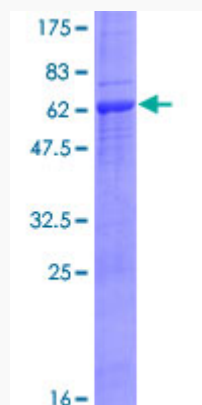
GENE INFORMATION

Gene Name	AURKC aurora kinase C [Homo sapiens]
Official Symbol	AURKC
Synonyms	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;
Gene ID	6795
mRNA Refseq	NM_001015878
Protein Refseq	NP_001015878
MIM	603495
UniProt ID	Q9UQB9

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12.5% SDS-PAGE Stained with Coomassie Blue.

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