

Recombinant Full Length Human AURKC Protein, GST-tagged

Cat. No. AURKC-1060HF **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	In Vitro Cell Free System
ProteinLength	309 amino acids
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	MSSPRAVVQL GKAQPAGEEL ATANQTAQQP SSPAMRRLTV DDFEIGRPLG KGKFGNVYLA RLKESHFIVA LKVLFSQIE KEGLEHQLRR EIEIQAHLQH PNILRLYNYF HDARRVYLIL EYAPRGELYK ELQKSEKLDE QRTATIIIEEL ADALTYCHDK KVIHRDIKPE NLLLGFRGEV KIADFGWSVH TPSLRRKTMC GTLDYLPPEM IEGRTYDEKV DLWCIGVLCY ELLVGYPPE SASHSETYRR ILKVDVRFPL SMPLGARDLI SRLLRYQPLE RLPLAQILKH PWVQAHSRRV

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	LPPCAQMAS
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
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