

Recombinant Human AURKC Protein, His-tagged

Cat. No. AURKC-530H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human AURKC(Leu20~Gln277) fused with His tag at N-terminal was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Leu20~Gln277 |
| 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. |
| Form | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| Molecular Mass | 33.7kDa |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | > 95% |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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| Applications | Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| Reconstitution | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |

GENE INFORMATION

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| 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 |

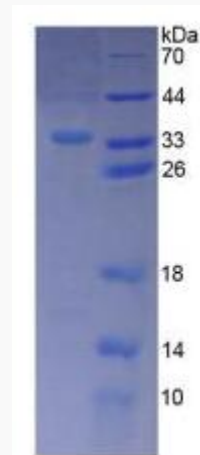
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MIM 603495

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