

Recombinant Human AURKC 293 Cell Lysate

Cat. No. AURKC-8559HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for aurora kinase C (AURKC), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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
Chromosome Location	19q13.3-qter
Pathway	Aurora B signaling, organism-specific biosystem; Aurora C signaling, organism-specific biosystem; Signaling by Aurora kinases, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein kinase activity; protein serine/threonine

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kinase activity; protein serine/threonine/tyrosine kinase activity;

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