

Recombinant Human AURORA C protein, GST-tagged

Cat. No. AURORA C-3779H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AURORA C fused with GST tag was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	full-length
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~61 kDa
Applications	Kinase Assay, Western Blot (WB)
Notes	Small volumes of AURORA C recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap.
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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_003160
Protein Refseq	NP_003151
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 kinase activity; protein serine/threonine/tyrosine kinase activity;

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