Serine/threonine-protein kinase Aurora-1 (AUR1) Recombinant Protein | AUR1 recombinant protein

Recombinant Arabidopsis thaliana Serine/threonine-protein kinase Aurora-1 (AUR1)

CATALOG #	HOST
AAA117640	**E Coli or Yeast or Baculovirus or Mammalian Cell**

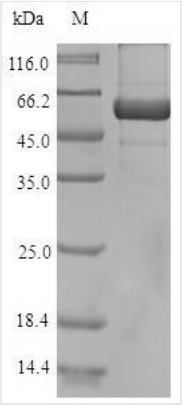
PRODUCT SYNONYMS

Serine/threonine-protein kinase Aurora-1 (AUR1); Recombinant Arabidopsis thaliana Serine/threonine-protein kinase Aurora-1 (AUR1); Serine/threonine-protein kinase Aurora-1; AtAur1; EC=2.7.11.1; Aurora-like kinase 1; AUR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-294aa; Full Length
Sequence	MAIPTETQHQ EKEASDASAA AAQKRWTLSD FDIGKPLGRG KFGHVYLARE KRSNHVVALK VLFKSQLQQS QVEHQLRREV EIQSHLRHPN ILRLYGYFYD QKRVYLILEY AARGELYKDL QKCKYFSERR AATYVASLAR ALIYCHGKHV IHRDIKPENL LIGAQGELKI ADFGWSVHTF NRRRTMCGTL DYLPPEMVES VEHDASVDIW SLGILCYEFL YGVPPFEAME HSDTYRRIVQ VDLKFPPKPI ISASAKDLIS QMLVKESSQR LPLHKLLEHP WIVQNADPSG IYRV
Sequence Length	294
Species	Arabidopsis thaliana (Mouse-ear cress)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for AUR1 recombinant protein	Phosphorylates specifically 'Ser-10' of histone H3 in vitro and colocalizes with phosphorylated histone H3 during mitosis. Associates with cytoskeletal structures that are necessary for cytokinesis and with the microtubule spindle. Colocalizes also with gamma-tubulin and function in microtubule organizing centers (MTOCs). In contrast with the mammalian B-type Aurora, AUR1 has no kinase activity toward 'Ser-28' of histone H3

NCBI AND UNIPROT INFORMATION

NCBI GI #	15233958
NCBI GeneID	829419
NCBI Accession #	NP_195009.1
NCBI GenBank Nucleotide #	NM_119436.2
UniProt Accession #	Q9M077; Q8LBX4
Molecular Weight	54 kDa
NCBI Official Full Name	serine/threonine-protein kinase aurora-1
NCBI Official Symbol	AUR1
NCBI Official Synonym Symbols	AtAUR1; ataurora1; AUR1; T16I18.40; T16I18_40
NCBI Protein Information	serine/threonine-protein kinase aurora-1
UniProt Protein Name	Serine/threonine-protein kinase Aurora-1
UniProt Gene Name	**AUR1**
UniProt Synonym Gene Names	AtAur1
UniProt Entry Name	AUR1_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/aur1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117640