

Inositol phosphorylceramide synthase catalytic subunit AUR1 (AUR1) Recombinant Protein | AUR1 recombinant protein

Recombinant *Saccharomyces cerevisiae* Inositol phosphorylceramide synthase catalytic subunit AUR1 (AUR1)

CATALOG #
AAA115441

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Inositol phosphorylceramide synthase catalytic subunit AUR1 (AUR1); Recombinant *Saccharomyces cerevisiae* Inositol phosphorylceramide synthase catalytic subunit AUR1 (AUR1); 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	313-401aa, Partial
Sequence	TKYTHLPIVD TSLFCRWSYT SIEKYDISKS DPLAADSNDI ESVPLSNLEL DFDLNMTDEP SVSPSLFDGS TSVSRSSATS ITSLGVKRA
Sequence Length	401
Species	<i>Saccharomyces cerevisiae</i> (strain 204508 / S288c) (Baker's yeast)
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.

ADDITIONAL INFORMATION

Related Product Information for AUR1 recombinant protein	Catalytic component of the inositol phosphorylceramide synthase which catalyzes the addition of a phosphorylinositol group onto ceramide to form inositol phosphorylceramide, an essential step in sphingolipid biosynthesis.
References	"AUR1, a novel gene conferring aureobasidin resistance on <i>Saccharomyces cerevisiae</i> : a study of defective morphologies in Aur1p-depleted cells." Hashida-Okado T., Ogawa A., Endo M., Yasumoto R., Takesako K., Kato I. Mol. Gen. Genet. 251:236-244(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6322849
NCBI GeneID	853866
NCBI Accession #	NP_012922.1
NCBI GenBank Nucleotide #	NM_001179570.1
UniProt Accession #	P36107; Q92324; D6VXT3
Molecular Weight	26.7 kDa
NCBI Official Full Name	inositol phosphorylceramide synthase
NCBI Official Symbol	AUR1

NCBI Protein Information	inositol phosphorylceramide synthase
UniProt Protein Name	Inositol phosphorylceramide synthase catalytic subunit AUR1
UniProt Gene Name	AUR1
UniProt Synonym Gene Names	IPC synthase catalytic subunit AUR1

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/115441>