



Recombinant *Oryza sativa* subsp. *japonica* Nicotianamine synthase 1 (NAS1)

Product Code	CSB-EP604936OFG-B
Abbreviation	NAS1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q0DSH9
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MEAQNQEVAA LVEKIAGLHA AISKLPSLSP SAEVDALFTD LVTACVPASP VDVAKLGPEA QAMREELIRL CSAAEGHLEA HYADMLAAFD NPLDHLARFP YYGNYVNLSK LEYDLLVRYV PGIAPTRVAF VGSGPLPFSS LVLAHHLPD AVFDNYDRCG AANERARRLF RGADEGLGAR MAFHTADVAT LTGELGAYDV VFLAALVGMA AEEKAGVIAH LGAHMADGAA LVVRSAGGAR GFLYPIVDPE DVRRGDFDL AVCHPEDEVI NSVIVARKVG AAAAAAARR DELADSRGVV LPVVGPPSTC CKVEASAVEK AEEFAANKEL SV
Source	<i>E.coli</i>
Target Names	NAS1
Protein Names	Recommended name: Nicotianamine synthase 1 EC= 2.5.1.43 Alternative name(s): S-adenosyl-L-methionine:S-adenosyl-L-methionine:S-adenosyl-methionine 3-amino-3-carboxypropyltransferase 1 Short name= OsNAS1
Expression Region	1-332
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.