



Recombinant *Oryza sativa* subsp. japonica Alpha-amylase isozyme 2A (AMY2A)

Product Code	CSB-EP607728OFG
Abbreviation	AMY2A
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.	Q0D9J1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	DKILFQGFN WESWRQSGGW YNLLMGKVDD IVAAGVTHVW LPPPSHSVST QGYMPGRLYD LDASRYGTSM ELKSLISALH GKGIQAIADV VINHRCADYK DSRGIYCIFE GGTPDGRLDW GPHMICRDDT QFSDGTGNLD TGADFAAAPD IDHLNGVVQR ELTDWLLWLK SDEVGFDWR LDFARGYSPE VAKVYIEGTT PVGLAVAELW DSMAYGGDGK PEYNQDAHRQ ALVDWVDRVG GTASAGMVFD FTTKIMNTA VEGELWRLID QQGKAPGVIG WWPAAKAVTFV DNHDTGSTQQ MWPFP SDKVM QGYAYILTHP GNPCIFYDHF FDWGLKEQIA ALVAVRQRNG VTATSSLKIM LHDADAYVAE IDGKVV MKIG SRYDVSSLIP PGFHAAHGN GYAVWEKIAA AAAAADHRTS SSASL
Source	E.coli
Target Names	AMY2A
Protein Names	Recommended name: Alpha-amylase isozyme 2A EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase Alpha-amylase isozyme C2
Expression Region	22-445
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 of Mature 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.