



Recombinant *Oryza sativa* subsp. japonica Alpha-amylase isozyme 3A (AMY1.2)

Product Code	CSB-EP333307OFG
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.	P27932
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	QTQI LFQGFNWDSW KKQGGWYNML KDQVGDIASA GVTHVWLPPP THSVSPQGYM PGRLYDLNAS KYGTKAELKS LIAAFHAKGI KCVADIVVNH RCADDDKDG RG VYCIFKGGGP RGCLDWGPSM ICCDDTQYSD GTGHRDTGAD FAAAPDIDHL NPLVQRELS D WLRWLRRDVG FDGWRLDFAK GYSAAVARTY VQNARPSFVV AEIWNSLSYD GDGKPAANQD GQRQELVNWV KQVGGPATAF DFTTKGILQS AVQGELWRMR DKDGKAPGMI GWYPEKAVTF VDNHDTGSTQ RMWPFPSDKV ILGYAYILTH PGVPCIFYDH VFDWNLKQEI NALAATRKR N GINAGSKLRV LAAESDMYVA MVDERVITKI GPRIDVGNII PSDFHIVAHG NDYCVWEKSG LRVPEPEGR
Source	E.coli
Target Names	AMY1.2
Protein Names	Recommended name: Alpha-amylase isozyme 3A EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
Expression Region	27-440
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.