



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

Product Code	CSB-EP328760OFG-B
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.	P27933
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	QVLFQ GFNWESWKQQ GGWYNMLKGQ VDDIAKAGVT HVWLPPPSHS VAPQGYMPGR LYDL DASKYG TAAELKSLIA AFHGKGVQCV ADVVINHRCA EKKDARGVYC VFEGGTPDDR LDWGPGMICS DDTQYSDGTG HRDTGEGFGA APDIDHLNPR VQRELTDWLN WLKSDVGF DG WRLDFAKGYS TDIKMYVES CKPGFVVAEI WNSLSYNGDG KPAANQDQGR QELVNWVNAV GGPAMTFDFT TKGLLQAGVQ GELWRLRDGN GKAAGMIGWL PEKAVTFVDN HDTGSTQKLW PFP SDKVMQG YAYILTHPGV PCIFYDHMFD WNLKQEITAL AAIRERNGIN AGSKLRIVVA DADAYVAVVD EKVMVKIGTR YDVGNAVPSD FHQTVHGKDY SVWEKGS LRV PAGRHL
Source	E.coli
Target Names	AMY1.3
Protein Names	Recommended name: Alpha-amylase isozyme 3D EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
Expression Region	26-436
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.