



Recombinant Mouse Pancreatic alpha-amylase (Amy2)

Product Code	CSB-EP360434MO-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.	P00688
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	QYDPH TSDGRTAIVH LFEWRWVDIA KECERYLAPK GFGGVQVSP NENVVVHNPS RPWWERYQPI SYKICTRSGN EDEFDMVTR CNNVGVRIYV DAVINHMC GA GNPAGTSSTC GSYLNPNNRE FPAVPYSAWD FNDNKCNGEI DNYNDAYQVR NCRLTGLLDL ALEKDYVRTK VADYMNHLID IGVAGFRLDA AKHMWPGDIK AVLDKLNHLN TKWFSQGSRP FIFQEVIDLG GEAIKGSEYF GNGRVTEFKY GAKLGTVIRK WNGEKMSYLK NWGEGWGLVP SDRALVFVDN HDNQRGHGAG GSSILTFWDA RMYKMAVGFM LAHPYGFTRV MSSYRWNRNF QNGKDQNDWI GPPNNGVTK EVTINADTTC GNDWVCEHRW RQIRNMVAFR NVVNGQPFSN WWDNNSNQVA FSRGNRGFIV FNNDDWALSA TLQTGLPAGT YCDVISGDKV DGNCTGLRVN VGSDGKAHFS ISNSAEDPFI AIHADSKL
Source	E.coli
Target Names	Amy2
Protein Names	Recommended name: Pancreatic alpha-amylase Short name= PA EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
Expression Region	16-508
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.