



Recombinant *Agrocybe aegerita* Aromatic peroxygenase (APO1)

Product Code	CSB-EP498710AYV-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.	B9W4V6
Product Type	Recombinant Protein
Immunogen Species	<i>Agrocybe aegerita</i> (Black poplar mushroom) (<i>Agaricus aegerita</i>)
Purity	>85% (SDS-PAGE)
Sequence	EPGLPPG PLENSSAKLV NDEAHPWKPL RPGDIRGPCP GLNTLASHGY LPRNGVATPV QIINAVQEGL NFDNQA AVFA TYAAHLVDGN LITDLLSIGR KTRLTGPDPP PPASVGGLNE HGTFEGDASM TRGDAFFGNN HDFNETLFEQ LVDYSNRFGG GKYNLTVAGE LRFKRIQDSI ATNPNFSFVD FRFFTAYGET TFPANLFVDG RRDDGQLDMD AARSFFQFSR MPDDFFRAPS PRSGTGVEVV IQAHPMQPGR NVGKINSYTV DPTSSDFSTP CLMYEKVNI TVKSLYPNPT VQLRKALNTN LDFFFQGVAA GCTQVFPYGR D
Source	E.coli
Target Names	APO1
Protein Names	Recommended name: Aromatic peroxygenase Short name= AaP EC= 1.11.2.1
Expression Region	44-371
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.