



Recombinant *Oryza sativa* subsp. *japonica* Probable L-ascorbate peroxidase 5, chloroplastic (APX5)

Product Code	CSB-EP313813OFG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C0L0
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AAAAAGDV EAELRAARED VRQLLKSNPC HPILVRLGWH DAGTYDKNIT EWPKCGGANG SLRFGVELVH AANKGLLKAL FLVIPIKSKY AGVTYADIFQ LASATAIEEA GGPKIPMIYG RADVADGEEC PPEGRLPAAD PPSPAHLRE VFYRMGLSDK EIVALSGAHT LGRARPERSG WGKPETKYTE NGPGAPGGQS WTSEWLKFDN SYFKEIKERR DEDLLVLPTD AVLFEDSSFK IHAEKYAEDQ DAFFEDYAEA HAKLSNLGAK FDPKPGISLE
Source	<i>E.coli</i>
Target Names	APX5
Protein Names	Recommended name: Probable L-ascorbate peroxidase 5, chloroplastic EC=1.11.1.11 Alternative name(s): OsAPx05
Expression Region	43-320
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.