



Recombinant Arabidopsis thaliana Peroxidase 12 (PER12)

Product Code	CSB-MP839260DOA
Abbreviation	PER12
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.	Q96520
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	KKRSRDAPI VKGLSWNFYQ KACPKVENII RKELKKVFKR DIGLAAAILR IHFHDCFVQG CEASVLLAGS ASGPGEQSSI PNLTLRQQAF VVINNLRALV QKKCGQVVSC SDILALAARD SVVLSGGPDY AVPLGRRDSL AFASQETTLN NLPPFFNAS QLIADFANRN LNITDLVALS GGHTIGIAHC PSFTDRLYPN QDPTMNQFFA NSLKRTCPTA NSSNTQVNDI RSPDVFDNKY YVDLMNRQGL FTSDQDLFVD KRTRGIVESF AIDQQLFFDY FTVAMIKMGQ MSVLTGTQGE IRSNCSARNT QSFMSVLEEG IEEAISMI
Source	Mammalian cell
Target Names	PER12
Protein Names	Recommended name: Peroxidase 12 Short name= Atperox P12 EC= 1.11.1.7 Alternative name(s): ATP4a PRXR6
Expression Region	32-358
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.