



# Recombinant *Oryza sativa* subsp. japonica Protoporphyrinogen oxidase, chloroplastic (PPOX1)

<b>Product Code</b>	CSB-EP858947OFG
<b>Abbreviation</b>	PPOX1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9AR38
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. japonica (Rice)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	CAVA SGAAEAPAAP GARVSADCVV VGGGISGLCT AQALATKHGV GDVLVTEARA RPPGNITTAE RAGEGYLWEE GPNSFQPSDP VLTMVAVDSSL KDDLDFGDPN APRFVLWEGK LRPVPSKPGD LPFFDLMSIP GKLKRALGAL GVRAPPPGRE ESVEDEFVRRN LGAEVFERLI EPFCSGVYAG DPSKLSMKAA FGKVVWRLDT GGSIIIGGTIK TIQERGKNPK PPRDPRLPPTP KGQTVASFRK GLTMLPDAIT SRLGSKVKLS WKLTSTIKSD NKGALVYET PEGVVSVQAK TVVMTIPSYV ASDILRPLSS DAADALSIFY YPPVAAVTVS YPKEAIRKEC LIDGELQGGFG QLHPRSQGV E TLGTIYSSSL FPNRAPAGRV LLLNYIGGST NTGIVSKTES ELVEAVDRDL RKMLINPKAV DPLVLGVRVW PQAIPQFLIG HLDHLEAAKS ALGKGGYDGL FLGGNYVAGV ALGRCVEGAY ESASQISDYL TKYAYK
<b>Source</b>	E.coli
<b>Target Names</b>	PPOX1
<b>Protein Names</b>	Recommended name: Protoporphyrinogen oxidase, chloroplastic Short name= PPO EC= 1.3.3.4 Alternative name(s): Protoporphyrinogen oxidase 1
<b>Expression Region</b>	37-536
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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

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