



Recombinant Arabidopsis thaliana 4,5-DOPA dioxygenase extradiol-like protein (At4g15093)

Product Code	CSB-EP846402DOA-B
Abbreviation	At4g15093
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.	Q949R4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MEKVNQTFFL SHGSPTLSID DSLEARQFFK SWTQKVLPQK PKSILVISAH WDTKFPSVNT VLRNNTIHDF SGFPDPMYKL KYEAPGAIEL GKRVKELLMK EGGMKRVEDD TKRGLDHGAW VPLMLMYPEA DIPICQLSVQ SNQNGSYHYN MGKALASLKD EGVLIIGSGS ATHNLRKLDN NITDGSPVPW ALEFDHWLRD SLLQGRYGDV NEWEEKAPNA KMAHPWPEHL YPLHVVMGAA GGDAKAEQIH TSWQLGTL SYSSYSFTSSL
Source	E.coli
Target Names	LIGB
Protein Names	Recommended name: 4,5-DOPA dioxygenase extradiol-like protein EC= 1.13.-.-
Expression Region	1-269
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 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.