



Recombinant *Portulaca grandiflora* 4,5-DOPA dioxygenase extradiol (DODA)

Product Code	CSB-YP767105PIAD
Abbreviation	DODA
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.	Q7XA48
Product Type	Recombinant Protein
Immunogen Species	<i>Portulaca grandiflora</i> (Rose moss)
Purity	>85% (SDS-PAGE)
Sequence	MGVGKEVSFK ESFFLSHGNP AMLADESFIA RNFLLGWKKV VFPVKPKSIL VVSAHWETDV PCVSAGQYPN VIYDFTEVPA SMFQMKYPAP GCPKLAKRVQ ELLIAGGFKS AKLDEERGF D HSSWVPLSMM CPEADIPVCQ LSVQPGLDAT HHFNVGRALA PLKGEGVLF I GSGGAVHPSD DTPHWFDGVA PWAAEFDQWL EDALLEG RYE DVNNYQTKAP EGWKL AHP I P EHFLPLHVAM GAGGEKSKAE LIYRTWDHGT LGYASYKFTS I
Source	Yeast
Target Names	DODA
Protein Names	Recommended name: 4,5-DOPA dioxygenase extradiol EC= 1.13.-.-
Expression Region	1-271
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.