



Recombinant Arabidopsis thaliana Tyrosine decarboxylase 1 (ELI5)

Product Code	CSB-BP851407DOA
Abbreviation	ELI5
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.	Q8RY79
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MENSGGKVLK PMDSEQLREY GHLMVDFIAD YYKTIEDFPV LSQVQPGYLH KLLPDSAPDH PETLDQVLDD VRAKILPGVT HWQSPSFFAY YPSNSSVAGF LGEMLSAGLG IVGFSWVTSP AATELEMIVL DWVAKLLNLP EQFMSKGNNG GVIQGSASEA VLVVLI AARD KVLRSVGKNA LEKLVVYSSD QTHSALQKAC QIAGIHPENC RVLTTDSSTN YALRPESLQE AVSRDLEAGL IPFFLCANVG TTSSTAVDPL AALGKIANSN GIWFHVDAAY AGSACICPEY RQYIDGVETA DSFNMNAHKW FLTNFDCSLL WVKDQDSLTL ALSTNPEFLK NKASQANLNV DYKDWQIPLG RRFRLSLKLWM VLRLYGSETL KSYIRNHKIL AKEFEQLVSQ DPNFEIVTPR IFALVCFRLV PVKDEEKKCN NRNRELLDAV NSSGKLFMSH TALSGKIVLR CAIGAPLTEE KHVKEAWKII QEEASYLLHK
Source	Baculovirus
Target Names	ELI5
Protein Names	Recommended name: Tyrosine decarboxylase 1 EC= 4.1.1.25
Expression Region	1-490
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.