



Recombinant *Drosophila melanogaster* 6-pyruvoyl tetrahydrobiopterin synthase (pr)

Product Code	CSB-BP019073DLU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48611
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MSQQPVAFLT RRETFSACHR LHSPQLSDAE NLEVFGKCNN FHGHGHNYTV EITVRGPIDR RTGMVLNITE LKEAIETVIM KRLDHNLDK DVEYFANTPS TTENLAVYIW DNIRLQLKKP ELLYEVIHE TPKNIISYRG PYPLNGIYNP INKRIAHDSC TNISSDSD
Source	Baculovirus
Target Names	pr
Protein Names	Recommended name: 6-pyruvoyl tetrahydrobiopterin synthase Short name= PTP synthase Short name= PTPS EC= 4.2.3.12 Alternative name(s): Protein purple Sepiapterin synthase A
Expression Region	1-168
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.