



Recombinant *Drosophila yakuba* Tryptophan 2,3-dioxygenase (v)

Product Code	CSB-EP023351DMR-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B4PYW0
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila yakuba</i> (Fruit fly)
Purity	≥85% (SDS-PAGE)
Sequence	MSCPYAGNGN EHDDSAVPLT TEVGKIYGEY LMLDKLLDAQ CMLSEEDKRP VHDEHLFIIT HQAYELWFKQ IIFEFDISIRD MLDAEVIDET KTLAIVKRLH RVVLILKLLV DQVPILETMT PLDFMDFRKY LAPASGFQSL QFRLIENKLG VLTEQRVRYN QKYSDFVSDE EARNSIRNSE KDPSLLELVQ RWLERTPGLE ESGFNFWAKF QESVDRFLAA QVQSAMEEPV EKAKNYRLMD IEKRREVVYRS IFDPAVHDAL VRRGDRRFSH RALQGAIMIT FYRDEPRFSQ PHQLLTLLMD IDSLITKWRY NHVIMVQRFMI GSQQLGTGGS SGYQYLRSTL SDRYKVFLDL FNLSTFLIPR EAIPPLDETI RKKLINKSV
Source	<i>E.coli</i>
Target Names	v
Protein Names	Recommended name: Tryptophan 2,3-dioxygenase Short name= TDO EC= 1.13.11.11 Alternative name(s): Protein vermilion Tryptamin 2,3-dioxygenase Tryptophan oxygenase Short name= TO Short name= TRPO Tryptophan py
Expression Region	1-379
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.