



Recombinant Danio rerio Tryptophan 2,3-dioxygenase B (tdo2b)

Product Code	CSB-BP742458DIL
Abbreviation	tdo2b
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.	Q7SY53
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	>85% (SDS-PAGE)
Sequence	MSGCPFLGGT LQLLSSNPRQ AEEEDGSQGG VNKAAKGGII YGDYLQLDKV LNAQVLQSEQ KGNKIHDEHL FIVTHQAYEL WFKQILWELD SVRDLFIKKH VRDERNMLKV VSRIHRITMI FKLLVDQFAV LETMTALDFF DFREYLSPAS GFQSLQFRLL EQKIGVADHL RVPYNRRHYR DNFHGEESSET LLSSEQEPTL LQLVEQWLER TPGLEKDGFN FWGKLQANIE EGLKREKHQV EKMEDTEVKQ ELLEDLNKQM ETFTALFDSK RHEHLLSKGE RRLSYKALQG ALMINFYREE PRFQVPFQLL TALMEIDTLM TKWRYNHVCM VHRMIGSKAG TGGSSGYHYL RSTVSDRYKV FVDLFNLATF LVPRSWVPKL NPNIHKFPYT AECYDSSYNS CSSEDS
Source	Baculovirus
Target Names	tdo2b
Protein Names	Recommended name: Tryptophan 2,3-dioxygenase B Short name= TDO-B EC= 1.13.11.11 Alternative name(s): Tryptamin 2,3-dioxygenase B Tryptophan oxygenase B Short name= TO-B Short name= TRPO-B Tryptophan pyrrolase B
Expression Region	1-407
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.