



Recombinant Danio rerio Tryptophan 2,3-dioxygenase A (tdo2a)

Product Code	CSB-EP415049DIL
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.	A7MBU6
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	>85% (SDS-PAGE)
Sequence	MSGCPYFQRK FLSTSKQHLK EEENDEAQTG INKASKGGLI YGDYQLDKI VTSQVLQSEL KGNKIHDEHL FIVTHQAYEL WFKQVLWELD SVREIFISGH VRDERNMLKV NTRIHRIVMI FRLLLDQFAV LETMTALDFY DFREYLSPAS GFQSLQFRLL ENKIGVPHNQ RVPYNRRHYR DNFRDQESEL LLHSEQEPTL LQLVEQWLER TPGLEEDGFN FWGKLEKNIF EGLRREKEHI EQKPASERKE EMLAELIKQR DIFLSLFDEK RHDHLVSTGQ RRLSYKALQG ALMIYFYREE PRFQVPFQLL TSLMDIDTLM TKWRYNHVCM VHRMIGSKDG TGGSSGYQYL RSTVSDRYKV FVDLFLNATF LIPRDWVPKL DPSEHTFLYM AECCDSSYCS SSDDSD
Source	E.coli
Target Names	tdo2a
Protein Names	Recommended name: Tryptophan 2,3-dioxygenase A Short name= TDO-A EC= 1.13.11.11 Alternative name(s): Tryptamin 2,3-dioxygenase A Tryptophan oxygenase A Short name= TO-A Short name= TRPO-A Tryptophan pyrrolase A
Expression Region	1-406
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.