



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

<b>Product Code</b>	CSB-BP415049DIL
<b>Storage</b>	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.
<b>Uniprot No.</b>	A7MBU6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Danio rerio (Zebrafish) (Brachydanio rerio)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSGCPYFQRK FLSTSKQHLK EEENDEAQTG INKASKGGLI YGDYLQLDKI 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
<b>Source</b>	Baculovirus
<b>Target Names</b>	tdo2a
<b>Protein Names</b>	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
<b>Expression Region</b>	1-406
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.