



Recombinant Arabidopsis thaliana Tyrosine aminotransferase (TAT)

Product Code	CSB-EP023175DOA-B
Abbreviation	TAT
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.	Q9LVY1
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MGENGAKRWN FGANEVVERS NSLTIRDYLN TLINCLDGGD VRPVIPLGHG DPSPFPSFRT DQAAVEAICD AVRSTKFNNY SSSSGVPVAR KAVAEYLSSD LSYQISPNDV HITAGCVQAI EILISALAIP GANILLPRPT YPMYDSRAAF CQLEVRYFDL LPENGWDVDL DGVEALADDK TVAILVINPC NPCGNVFSRQ HLQKIAETAC KLGILVIAD E VYDHFAFGDK PFVSMAEFAE LVPVIVLGAI SKRWFVPGWR LGWMVTLDPH GIMKDSGFVQ TLINVVNMST DPATFIQGAM PDIIGNTKEE FFSSKLEMVK KCAEICYEEL MKIPCITCPC KPEGSMFTMV KLNFSLEDI SDDLDFCSKL AKEESMILP GQAVGLKNWL RITFAVELEL LIEGFSRLKN FTERHSKNQP
Source	E.coli
Target Names	TAT
Protein Names	Recommended name: Tyrosine aminotransferase Short name= TAT EC= 2.6.1.5 Alternative name(s): L-tyrosine:2-oxoglutarate aminotransferase
Expression Region	1-420
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.