



Recombinant Arabidopsis thaliana TPR repeat-containing thioredoxin TDX (TDX)

Product Code	CSB-EP855384DOA-B
Abbreviation	TDX
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.	Q8VWG7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MVDAIQVAEL RRFVEQLKLN PSILHDPSLV FFKEYLRSLG AQVPKIEKTE RDYEDKAETK PSFSPKHDDD DDDIMESDVE LDNSDVVEPD NEPPQPMGDP TAEVTDENRD DAQSEKSKAM EAISDGRFDE AIEHLTKAVM LNPTSAILYA TRASVFLKVK KPNAAIRDAN VALQFNSDSA KGYKSRGMAK AMLGQWEEAA ADLHVASKLD YDEEIGTMLK KVEPNAKRIE EHRRKYQRLR KEKELQRAER ERRKQQEAQE REAQAALNDG EVISIHSTSE LEAKTKAAKK ASRLLILYFT ATWCGPCRYM SPLYSNLATQ HSRVVFLKVD IDKANDVAAS WNISSVPTFC FIRDGKEVDK VVGADKGSLE QKIAQHSSSK
Source	E.coli
Target Names	TDX
Protein Names	Recommended name: TPR repeat-containing thioredoxin TDX Alternative name(s): HSP70-interacting protein 2 Short name= AtHIP2 Tetratricoredoxin Short name= AtTDX
Expression Region	1-380
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.