



Recombinant Trypanosoma cruzi Cruzipain

Product Code	CSB-YP333107TQY
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.	P25779
Product Type	Recombinant Protein
Immunogen Species	Trypanosoma cruzi
Purity	>85% (SDS-PAGE)
Sequence	APAAVDWR ARGAVTAVKD QGQCGSCWAF SAIGNVECQW FLAGHPLTNL SEQMLVSCDK TDSGCSGGLM NNAFEWIVQE NNGAVYTEDS YPYASGEGIS PPCTTSGHTV GATITGHVEL PQDEAQIAAW LAVNGPVAVA VDASSWMTYT GGVMTSCVSE QLDHGVLLVG YNDSAAVPYW IIKNSWTTQW GEEGYIRIAK GSNQCLVKEE ASSAVVGGPG PTPEPTTTT TSAPGSPSY FVQMSCTDAA CIVGCENVTL PTGQCLLTS GVSAIVTCGA ETLTEEVFLT STHCSGPSVR SSVPLNKCNR LLRGSVEFFC GSSSSGRLAD VDRQRRHQPY HSRHRRL
Source	Yeast
Protein Names	Recommended name: Cruzipain EC= 3.4.22.51 Alternative name(s): Cruzaine Major cysteine proteinase
Expression Region	123-467
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 of Mature 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.