



Recombinant *Dirofilaria immitis* Pepsin inhibitor Dit33 (DIT33)

Product Code	CSB-YP638886DKS
Abbreviation	DIT33
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.	Q27384
Product Type	Recombinant Protein
Immunogen Species	<i>Dirofilaria immitis</i> (Canine heartworm)
Purity	>85% (SDS-PAGE)
Sequence	SVI NRHNKRFAAGF SVAGIGGTAG CVVVDNKLFA NSFYLRDLTT EEQRELAQYV EDSNQYKEEV KTSLEERRKG WQLARHGKED AKVLSSLAEK KFPKPPKPS FCSAGDTTQY YFDGCMVQNN KIYVGRMYVR DLTSDEINQL KTFDAKMTAY QKYLSSSIQQ QVDSLFGDKS NLFNLFTDTR HETSSQPSDA TTISTTTQAP VEPPEPFC IAIY
Source	Yeast
Target Names	DIT33
Protein Names	Recommended name: Pepsin inhibitor Dit33
Expression Region	18-234
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.