

Product Information

Recombinant Canine CA9 Protein, His-tagged

Product Information	
Catalog#	MK0056C
Product Name	Recombinant Canine CA9 Protein, His-tagged
Product Overview	Recombinant canine CA9 (NP_001138646.1) (Met1-Leu410) was expressed with a C-terminal polyhistidine tag.
Source	HEK293 cells
Species	Canine
Tag	His
Formulation	Lyophilized from a sterile solution of PBS, pH 7.4, 5%~8% trehalose and mannitol.
Purity	>85 % as determined by SDS-PAGE.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant canine CA9 comprises 384 amino acids and has a predicted molecular mass of 42.1 kDa. The apparent molecular mass of the protein is approximately 50 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.