

Recombinant Canine S100 Calcium Binding Protein A8 (S100A8), N-His

Cat. No.: AP7F388

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Canine S100 Calcium Binding Protein A8 (S100A8), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 14.1 kDa. The purity is >95% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	14.1 kDa
Molecular Weight	14 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

S100 calcium binding protein A8 is encoded by the *S100A8* gene in dogs. Research has shown that elevated serum levels of S100 calcium binding protein A8 reflect disease severity in canine atopic dermatitis.

Protein	Canine S100 Calcium Binding Protein A8 (S100A8)
Protein Synonym	S100 calcium binding protein A8, protein S100-A8
Gene ID	490461

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.