

Recombinant Chicken Filensin (BFSP1)

Cat. No.: AP2C367

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Filensin (BFSP1) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 76.1 kDa. The purity is >85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	76.1 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken filensin (BFSP1) is an intermediate filament protein critical for lens fiber cell structure. In chickens, it ensures lens elasticity and optical clarity, impacting visual acuity. Filensin mutations lead to lens opacity and cataracts. Research on chicken Filensin enhances understanding of avian eye physiology and supports breeding programs to reduce ocular defects in poultry.

Protein	Chicken Filensin (BFSP1)
Protein Synonym	Beaded filament structural protein 1; Lens fiber cell beaded-filament structural protein in CP 95 (CP95); BFSP1
Gene ID	396056
UniProt ID	Q06637

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize 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.