

Recombinant Mouse Uteroglobin (Scgb1a1), N-His

Cat. No.: AP4C356

Product Type: Animal Proteins

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

Product Overview

BioVenic's Recombinant Mouse Uteroglobin (Scgb1a1), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 9.7 kDa. The purity is > 90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	> 90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	9.7 kDa
Physical State	Lyophilized
Formulation	20 mM Tris, 150 mM NaCl, pH8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Target Information

Mouse Uteroglobin (SCGB1A1) is a protein involved in immune regulation and tissue repair. In mice, SCGB1A1 modulates immune responses and promotes wound healing in various tissues. It is particularly important in the lungs and reproductive tract for maintaining homeostasis. SCGB1A1 interacts with immune cells and modulates their activity, reducing inflammation and promoting tissue recovery. Its expression is regulated by hormonal and inflammatory signals, making it important in both normal physiology and disease states.

Protein	Mouse Uteroglobin (Scgb1a1)
Protein Synonym	Club cell 17 kDa protein; Club cell phospholipid-binding protein; Club cells 10 kDa secretory protein
Gene ID	22287
EC No.	Q06318

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°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. Reconstitute in 20 mM Tris, 150 mM NaCl (pH8.0) 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.