
Product Data Sheet

Product Name: SCGB3A2 Human
 Cat. No.: GP24500
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Secretoglobin; Family 3A Member 2; Uteroglobin-Related Protein 1; Pneumo Secretory Protein 1; UGRP1; PnSP-1; PNSP1; Secretoglobin Family 3A Member 2; Uteroglobin Related Protein 1; LU103; SCGB3A2.		
Amino Acid Sequence	MFLINKVPLP VDKLAPLPLD NILPFMDPLK LLLKTLGISV EHLVEGLRKC VNELGPEASE AVKKLLEALS HLVGGSGGSF LINKVPLPVD KLAPLPLDNI LPFMDPLKLL LKTLGISVEH LVEGLRKCVN ELGPEASEAV KKLLEALSHL VHHHHHH.		
Formulation	SCGB3A2 solution at a concentration of 0.4mg/ml in phosphate buffered saline (PBS) pH 8.0.		

Introduction

Secretoglobin Family 3A Member 2 (SCGB3A2) is a secreted lung surfactant protein and a downstream target of thyroid transcription factor. A single nucleotide polymorphism in the promoter of the SCGB3A2 gene results in susceptibility to asthma.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

SCGB3A2 Human Recombinant produced in E.Coli is a non-glycosylated homodimer containing a total of 157 (2xPhe22-Val93) amino acids including a 6 aa linker and 6 aa His tag at C-terminus. The total calculated molecular mass is 17.1kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA