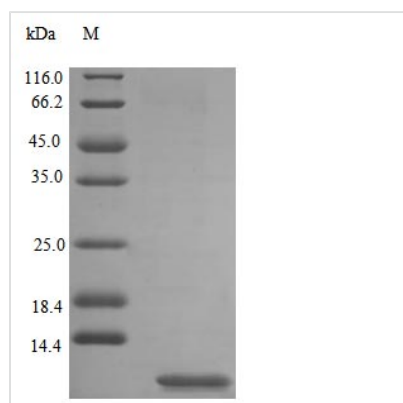




Recombinant Rat Uteroglobin protein (Scgb1a1) (Active)

Product Code	CSB-AP000221RA
Abbreviation	Recombinant Rat Cc10 protein (Active)
Uniprot No.	P17559
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM PB, pH 7.4, 150mM NaCl
Product Type	Other
Immunogen Species	Rattus norvegicus (Rat)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by the ability of the immobilized protein to support the adhesion of the A549 human lung carcinoma cells is less than 5.0 µg/ml, corresponding to a specific activity of >200 IU/m.
Purity	>97% as determined by SDS-PAGE.
Sequence	SSDICPGFLQ VLEALLLGSE SNYEAALKPF NPASDLQNAG TQLKRLVDTL PQETRINIVK LTEKILTSPL CEQDLRV
Research Area	Immunology
Source	E.Coli
Target Names	Scgb1a1
Expression Region	20-96aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	8.5 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	2115524; 15489334; 2349092; 1560460; 7583672

Image





Description

Explore the potential of Recombinant Rat Uteroglobulin (Scgb1a1) in your immunology research. This versatile, tag-free secretory protein, expressed in *E. coli*, covers the 20-96aa region and is the full length of the mature protein. Scgb1a1 boasts a purity of over 97% as determined by SDS-PAGE and HPLC, and endotoxin levels below 1.0 EU/μg, ensuring excellent quality for your experiments. The lyophilized powder demonstrates full biological activity, with an ED₅₀ of less than 5.0 μg/ml as determined by its ability to support the adhesion of A549 human lung carcinoma cells, reflecting a specific activity of more than 200 IU/mg. Enhance your studies with this valuable research tool in immunology.

Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.