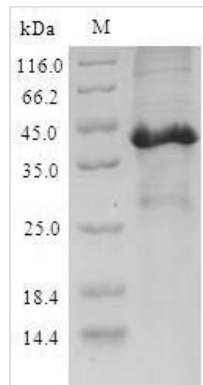




Recombinant Mouse Secretoglobin family 3A member 2 (Scgb3a2)

Product Code	CSB-EP846028MO
Relevance	Enzyme and pathway databases
Abbreviation	Recombinant Mouse Scgb3a2 protein
Storage	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.
Uniprot No.	Q920H1
Alias	Pneumo secretory protein 1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LLINRLPVVDKLPVPLDDIIPSFDPKMLLKTGLISVEHLVTGLKKCVDELGPEASEAVKKLLVIIICSYFPGRSLCYVNNLPSFVSVLFLPMICAYPRDSKKQTFAFIERVFEQSKL
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	Scgb3a2
Protein Names	Recommended name: Secretoglobin family 3A member 2Alternative name(s): Pneumo secretory protein 1 Short name= PnSP-1 Uteroglobin-related protein 1
Expression Region	22-139aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-GST-tagged
Mol. Weight	43.2kDa
Protein Length	Full Length of Mature Protein of Isoform C
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

This Recombinant Mouse Scgb3a2 can be used in Epigenetics and Nuclear Signaling research. It represents a precise replication of the mature Secretoglobulin family 3A member 2 protein, also known as Pneumo secretory protein 1, PnSP-1, or Uteroglobin-related protein 1, as expressed in isoform C. It's a product of diligent scientific endeavor, aimed at supporting in-depth exploration of molecular signaling pathways.

The Recombinant Mouse Scgb3a2 is a product of E.coli expression system and includes the complete protein length from the amino acid 22 to 139. It features an N-terminal 6xHis-GST-tag, which facilitates effective protein detection and purification. The purity level of the product is assured to be more than 90%, as determined by SDS-PAGE, promising a high-quality, consistent research output. You can select to receive this product either in liquid form or as a lyophilized powder, according to your specific laboratory requirements.

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.