

Recombinant Human SCGB3A1 protein(Met1-Gly104), mFc-tagged

Cat. No. SCGB3A1-393H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCGB3A1 (NP_443095.2) (Met1-Gly104) was expressed in HEK293, fused with Fc region of Mouse IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Gly104
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human SCGB3A1/mFc is a disulfide-linked homodimer. The reduced monomer comprises 318 amino acids and has a predicted molecular mass of 34.6 kDa. The apparent molecular mass of the protein is approximately 37.6 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name SCGB3A1 secretoglobin, family 3A, member 1 [Homo sapiens]

Official Symbol SCGB3A1

Synonyms SCGB3A1; secretoglobin, family 3A, member 1; secretoglobin family 3A member 1; cytokine high in normal 1; HIN 1; HIN1; LU105; pneumo secretory protein 2; PnSP 2; UGRP2; cytokine HIN-1; high in normal 1; cytokine high in normal-1; uteroglobin-related protein 2; HIN-1; PnSP-2; MGC87867;

Gene ID 92304

mRNA Refseq NM_052863

Protein Refseq NP_443095

MIM 606500

UniProt ID Q96QR1

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