# Mammaglobin B/SCGB2A1 Recombinant Protein | SCGB2A1 recombinant protein

Mammaglobin B/SCGB2A1 Protein, Human, Recombinant (hFc Tag)

| CATALOG # | HOST |
|---|---|
| **AAA258032** | **HEK293 Cells** |

## PRODUCT SYNONYMS

Mammaglobin B/SCGB2A1; Mammaglobin B/SCGB2A1 Protein; Human; Recombinant (hFc Tag); Human Mammaglobin-B/SCGB2A1 Protein (Fc Tag); LIPHC Protein; LPHC Protein; LPNC Protein; MGB2 Protein; UGB3 Protein; secretoglobin family 2A member 1; SCGB2A1 recombinant protein

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | HEK293 Cells |
| **Isotype** | IgG1 |
| **Purity/Purification** | >95% as determined by SDS-PAGE |
| **Form/Format** | Lyophilized from sterile PBS, pH7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween-80 |
| **Sequence** | Met1-Asn95 |
| **Source** | Human |
| **Endotoxin** | <1.0EU per ug protein as determined by the LAL method. |
| **Predicted N Terminal** | Asp 19 |
| **Tag** | Fc |
| **Protein Construction** | A DNA sequence encoding the human SCGB2A1 (NP_002398.1)(Met1-Asn95) was expressed with the Fc region of human IgG1 at the C-terminus. |
| **Reconstitution** | It is recommended that sterile water (400ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis. |
| **Preparation and 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. |

## IMAGES

SDS-PAGE

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for SCGB2A1 recombinant protein** | Background: SCGB2A1 represented a novel, prognostic factor for CRC, and that expression of SCGB2A1 correlated with chemoresistance, radioresistance and cancer cell stemness. SCGB2A1 is a top differentially expressed gene in all major histological types of ovarian cancers and may represent a novel and attractive target for the immunotherapy of patients harbouring recurrent disease resistant to chemotherapy. |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 4505171 |
| **NCBI GeneID** | 4246 |
| **NCBI Accession #** | NP_002398.1 |
| **NCBI GenBank Nucleotide #** | NM_002407.2 |
| **UniProt Accession #** | O75556 |
| **Molecular Weight** | The recombinant human SCGB2A1 consists 315 amino acids and predicts a molecular mass of 35.6 kDa. |
| **NCBI Official Full Name** | mammaglobin-B |
| **NCBI Official Synonym Full Names** | secretoglobin, family 2A, member 1 |
| **NCBI Official Symbol** | SCGB2A1 |
| **NCBI Official Synonym Symbols** | LPHC; LPNC; MGB2; UGB3 |
| **NCBI Protein Information** | mammaglobin-B; lacryglobin; lipophilin C; lipophilin-C; mammaglobin 2; mammaglobin B; mammaglobin-2 |
| **UniProt Protein Name** | Mammaglobin-B |
| **UniProt Gene Name** | **SCGB2A1** |
| **UniProt Synonym Gene Names** | LIPHC; MGB2; UGB3 |
| **UniProt Entry Name** | SG2A1_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/scgb2a1-recombinant-protein-hek293-cells/258032