

## Secretoglobin Family 2A Recombinant Protein | SCGB2A2 recombinant protein

Recombinant Secretoglobin Family 2A, Member 2 (SCGB2A2)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA145934</b> | HOST<br><b>E.coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

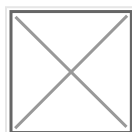
### PRODUCT SYNONYMS

Secretoglobin Family 2A; Recombinant Secretoglobin Family 2A; Member 2 (SCGB2A2); MGB1; MGBA; UGB2; Mammaglobin 1; Mammaglobin A; Uteroglobin 2; SCGB2A2 recombinant protein

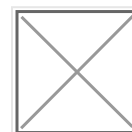
### PRODUCT SPECIFICATIONS

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                    | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                                     | > 80%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                             | Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                           | Original Concentration: 300ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence                                                | GSGCPLEENV ISKTINPQVS KTEYKELLQE FIDDNATTNA IDELKECFLN QTDETLNVE VFMQLIYDSS LCDLF                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for SCGB2A2 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Source                                                  | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Residues                                                | Gly19~Phe93                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Tags                                                    | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Subcellular Location                                    | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Predicted isoelectric point                             | 3.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Usage                                                   | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage                                 | <p><b>Storage:</b><br/>Avoid repeated freeze/thaw cycles.<br/>Store at 2-8°C for one month.<br/>Aliquot and store at -80°C for 12 months.</p> <p><b>Stability Test:</b><br/>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

### IMAGES



SDS-PAGE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119594416                                                                                                          |
| NCBI GeneID                      | 4250                                                                                                               |
| Molecular Weight                 | Predicted Molecular Mass: 12.2kDa<br>Accurate Molecular Mass: 12kDa as determined by SDS-PAGE reducing conditions. |
| NCBI Official Full Name          | secretoglobin, family 2A, member 2                                                                                 |
| NCBI Official Synonym Full Names | secretoglobin family 2A member 2                                                                                   |
| NCBI Official Symbol             | SCGB2A2                                                                                                            |
| NCBI Official Synonym Symbols    | MGB1; UGB2                                                                                                         |
| NCBI Protein Information         | mammaglobin-A                                                                                                      |
| UniProt Protein Name             | Mammaglobin-A                                                                                                      |
| UniProt Gene Name                | SCGB2A2                                                                                                            |
| UniProt Synonym Gene Names       | MGB1; UGB2                                                                                                         |
| UniProt Entry Name               | SG2A2_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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/scgb2a2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145934>