

## Mammaglobin-A Human Recombinant

<b>Item Number</b>	rAP-4732
<b>Synonyms</b>	Mammaglobin-A, Mammaglobin-1, Secretoglobin family 2A member 2, SCGB2A2, MGB1, UGB2, MGC71974.
<b>Description</b>	The Recombinant Human SCGB2A2 is produced with N-terminal fusion His Tag. The Recombinant Human SCGB2A2 His-Tagged Fusion Protein, has a molecular weight of 9.88 kDa protein containing 87 amino acid residues of the Human SCGB2A2 including 12 additional amino acid residues – His Tag
<b>Uniprot Accession Number</b>	Q13296
<b>Amino Acid Sequence</b>	MRGSHHHHHH GSGSGCPLE NVISKTINPQ VSKTEYKELL QEFIDNATT NAIDELKECF LNQTDETLN VEVFMQLIYD SSLCDLF.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	Filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.05M phosphate buffer and 0.05M NaCl, pH 7.2. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	Add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**