

Mammaglobin B/SCGB2A1 Recombinant Protein | SCGB2A1 recombinant protein

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

CATALOG #
AAA258032

HOST
HEK293 Cells

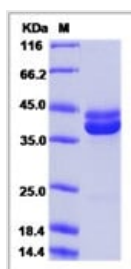
PRODUCT SYNONYMS

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.
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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.