

Recombinant Human SCGB2A2, His-tagged

Cat. No. SCGB2A2-3687H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total 87 AA. MW: 9.88 kDa (calculated). N-Terminal His-tag (12 extra AA).
Species	Human
Source	E.coli
Description	SCGB2A2 is member of the superfamily of secretoglobins, a group of small dimeric secreted and sometimes glycosylated proteins. Expressed mainly in mucosa, secretoglobins seems to be involved in cell signalling, immune response, chemotaxis, and could also serve as transporters for steroid hormones in humans.
Form	Filtered (0,4 m) and lyophilized in 0.5 mg/mL in 0.05 M phosphate buffer, 0.05 M NaCl, pH 7.2.
Purity	Purity as determined by densitometric image analysis: 90%.
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/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.
Applications	ELISA; Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein; LAL to determine quantity of endotoxin

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids	MRGSHHHHHH GSGSGCPLLE NVISKTINPQ VSKTEYKELL QEFIDDNATT NAIDELKECF LNQTDETLN VEVFMQLIYD SSLCDLF
Storage	Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.
GENE INFORMATION	
Gene Name	SCGB2A2 secretoglobin, family 2A, member 2 [Homo sapiens]
Official Symbol	SCGB2A2
Synonyms	SCGB2A2; secretoglobin, family 2A, member 2; MGB1; UGB2; MGC71974; mammaglobin-A; mammaglobin 1; mammaglobin A; mammaglobin-1; OTTHUMP00000236065
Gene ID	4250
mRNA Refseq	NM_002411
Protein Refseq	NP_002402
MIM	605562
UniProt ID	Q13296
Chromosome Location	11q13

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Function

Binding; molecular_function; steroid binding

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA