

Human SCGB2A2 Recombinant Protein



RPPB4592

Product Information Protein Information

Product SKU:

RPPB4592

Accession:

Q13296

Host:

HEK 293.

Protein description:

Mammaglobin-A Human Recombinant (Fc Chimera) produced in HEK cells is a single, glycosylated, polypeptide chain (Gly19-Phe93) containing a total of 321 amino acids, having a calculated molecular mass of 36.3kDa. The SCGB2A2 protein is fused to a 2 aa C-terminal linker, a 6 aa C-terminal His tag, a 7 aa TEV site and a 231 aa Human IgG1 fragment (Pro100-Lys330).

Appearance:

Sterile filtered lyophilized powder.

Synonyms:

Mammaglobin-A, Mammaglobin-1, Secretoglobin family 2A member 2, SCGB2A2, MGB1, UGB2, MGC71974.

Formulation:

SCGB2A2 was filtered (0,4µm) and lyophilized from 0.5mg/ml in PBS buffer and 5% (w/v) Threalose pH 7.4

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to 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 on cell culture.

Stability:

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 5 days.

Amino Acid Sequence:

GSGCPLEENV ISKTINPQVS KTEYKELLQE FIDDNATTNA IDELKECFLN QTDETLNVE VFMQLIYDSS LCDLF
KLENL YFQGPKSCDK THCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV
EVHNAKTKPR EEQYNSTYRV VSLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYVTL
PSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TPPVLDSDG SFFLYSKLTV DKSRWQQGNV
FSCSVMHEAL HNHYTQKSL SPSGKHHHHH H.