



## Mammaglobin-A Human Recombinant, HEK

<b>Item Number</b>	rAP-4730
<b>Synonyms</b>	Mammaglobin-A, Mammaglobin-1, Secretoglobin family 2A member 2, SCGB2A2, MGB1, UGB2, MGC71974.
<b>Description</b>	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
<b>Uniprot Accession Number</b>	Q13296
<b>Amino Acid Sequence</b>	GSGCPLEENV ISKTINPQVS KTEYKELLQE FIDNATTNA IDELKECFLN QTDETLNVE VFMQLIYDSS LCDLF KLENL YFQGPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNQKEYKCK VSNKAL-PAPI EKTISKAKGQ PREPQVYTLPSRDELTKNQ VSLTCLVKG F YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSL S LSPGKHHHHH H.
<b>Source</b>	HEK 293.
<b>Physical Appearance and Stability</b>	Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	SCGB2A2 filtered (0.4µm) solution at a concentration of 0.4mg/ml in PBS buffer pH 7.5 and 5% (w/v) Threalose. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<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**