


Human AREG Protein

Cat #: PRP1075

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human AREG Protein		
REF	Catalog Number: PRP1075	LOT	Lot Number: Refer to product label
	Purity: >95 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E. coli
	Shipping: The product is shipped at ambient temperature.		

Background: AREG is a one-way membrane protein consisting of 252 amino acids. AREG belongs to AREG family and contains an EGF-like domain. AREG is expressed in many tissues, including ovary, placenta, lung, kidney, stomach, colon and breast. It is related to epidermal growth factor (EGF) and transforming growth factor α (TGF- α). As an EGF-related growth factor, AREG interacts with EGF/TGF- α receptor to promote the growth of normal epithelial cells and inhibit the growth of some invasive cancer cell lines.

Sequence: Amino acid sequence derived from Human AREG (NC_000004.12) (Ser101-Lys198) was expressed.

Protein length: The recombinant Human AREG consists of 98 amino acids and predicts a molecular mass of 11.4 kDa.

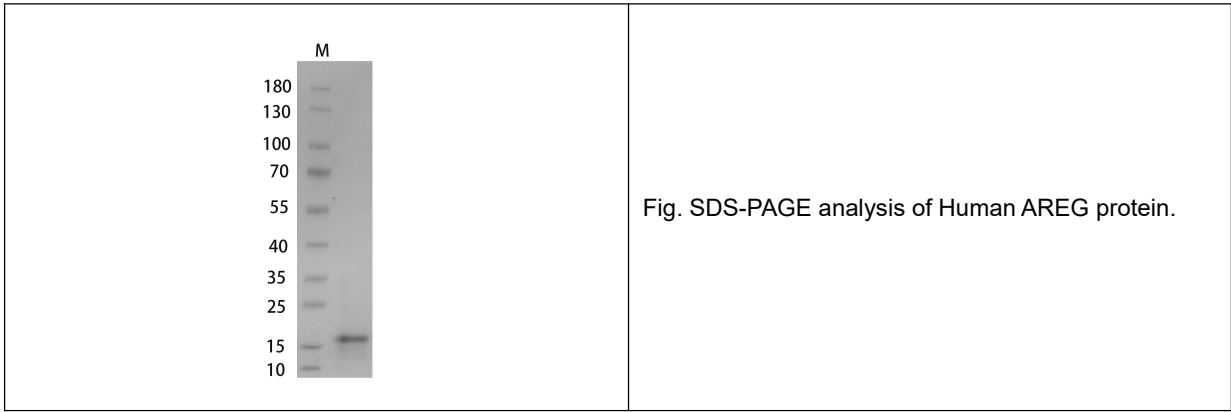
Biological Activity: Testing in progress.

Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile 20mM Tris, 800mM NaCl, pH 7.4.

Storage Instructions: Lyophilized recombinant Human AREG protein product should be stored desiccated below -20°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant Human AREG protein using the buffer we provided not less than 100µg/ml, which can then be further diluted to other aqueous solutions.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.