

RP00535

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Recombinant Human AG-3/hAG-3/AGR3 Protein

Catalog No.: RP00535

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	155465	Q8TD06

Tags
C-6×His

Synonyms

Anterior Gradient Protein 3 Homolog;
AG-3; AG3; hAG-3; Breast Cancer
Membrane Protein 11; AGR3; BCMP11

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM TrisHCl, 150mM NaCl, 2mM EDTA, pH 8.5. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Anterior Gradient Protein 3 (AGR3) is cytoplasmic protein. AGR3 expressed in many tissues. It has been detected in the lung, in the ciliated cells of the airway epithelium, ciliated cells in the oviduct. It also detected in stomach, colon, and breast, prostate and liver. AG-3 could serve as a prognostic marker for survival in patients with low grade and high grade serous ovarian carcinomas. AG-3 is required for calcium-mediated regulation of ciliary beat frequency and mucociliary clearance in the airway. It might be involved in the regulation of intracellular calcium in tracheal epithelial cells.

Basic Information

Description

Recombinant Human AG-3/hAG-3/AGR3 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ile22-Leu166) of human AG-3/hAG-3/AGR3 (Accession #Q8TD06) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

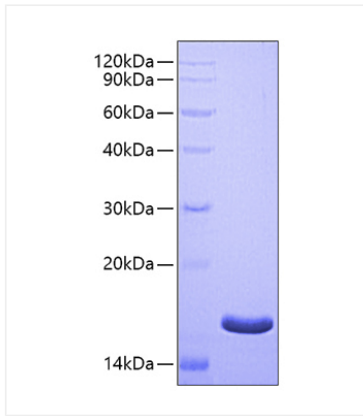
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human AG-3/hAG-3/AGR3
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.