

Human Anterior Gradient Protein 3

11/20

CATALOG NO:	P1619-10 10 µg P1619-50 50 µg
ALTERNATE NAMES:	Anterior gradient protein 3 homolog; AG3; BCMP11; hAG-3; HAG3; PDIA18; Breast cancer membrane protein 11; Protein disulfide isomerase family A, member 18
MOL. WT.	19.5 kDa
ACCESSION NO:	NP_789783, Q8TD06
PURITY:	≥ 90% by SDS-PAGE
SOURCE:	<i>E.coli</i>
TAG:	His Tag
AMINO ACID SEQUENCE:	The target protein is expressed with the sequence (aa 22-166) of human Anterior Gradient Protein 3 fused to His-tag at N-terminus.
FORM:	Liquid
FORMULATION:	In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1 M NaCl and 1 mM DTT.
STORAGE CONDITIONS:	Divide into small aliquots and store at -20 °C or -80 °C. Avoid repeated freeze-thaw cycles.
DESCRIPTION:	Human Anterior Gradient Protein 3 is a member of the disulfide isomerase family of endoplasmic reticulum proteins that catalyze protein folding and thiol-disulfide interchange reactions. It is required for the regulation of ciliary beat frequency and mucociliary clearance in the airway epithelium. It is over-expressed in breast and ovarian cancer and may serve as a marker for cancer detection and prognosis.

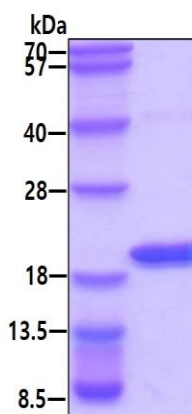


Fig A. 3 µg of human Anterior Gradient Protein 3 was loaded on SDS-PAGE under reducing conditions and visualized by Coomassie blue stain.

RELATED PRODUCTS:

CA 72-4, Human Metastatic Liver Carcinoma (Cat. No. P1436)
 Human CellExp™ Beta 2 Microglobulin (Cat. No. P1611)
 Human Recombinant Gamma-Synuclein (Cat. No. P1613)
 Anterior gradient 2 homolog, human recombinant (Cat. No. P1154)
 Human Recombinant Chromogranin A (Cat. No. P1614)

FOR RESEARCH USE ONLY! Not to be used on humans.