

Recombinant Full Length Human AGR3 Protein, GST-tagged

Cat. No. AGR3-1555HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCMP11 full-length ORF (NP_789783.1, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	166 amino acids
Description	This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and a C-terminal ER-retention sequence. This gene is expressed in ciliated airway epithelial cells and, in mouse, plays a role in ciliary beat frequency in multiciliated cells. This gene is also over-expressed in breast, ovarian, and prostate cancers.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	45.6 kDa
AA Sequence	MMLHSALGLC LLLVTVSSNL AIAIKKEKRP PQTL SRGWGD DITWVQTYEE GLFYAQKSKK PLMVIHHLED CQYSQALKKV FAQNEEIQEM AQNKFIMLNL MHETTDKNLS PDGQYVPRIM FVDPSLTVRA DIAGRYSNRL YTYEPRDLPL LIENMKKALR LIQSEL

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [AGR3 anterior gradient 3 homolog \(Xenopus laevis\) \[Homo sapiens \]](#)

Official Symbol [AGR3](#)

Synonyms AGR3; anterior gradient 3 homolog (Xenopus laevis); anterior gradient protein 3 homolog; BCMP11; breast cancer membrane protein 11; hAG 3; HAG3; PDIA18; protein disulfide isomerase family A; member 18; AG-3; anterior gradient homolog 3; protein disulfide isomerase family A, member 18; AG3; hAG-3

Gene ID [155465](#)

mRNA Refseq [NM_176813](#)

Protein Refseq [NP_789783](#)

MIM [609482](#)

UniProt ID [Q8TD06](#)

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