

**PRODUCT INFORMATION**

<b>Target</b>	AGR3
<b>Synonyms</b>	AG-3; AG3; BCMP11; hAG-3; HAG3; PDIA18
<b>Description</b>	Recombinant protein of human anterior gradient homolog 3 ( <i>Xenopus laevis</i> ) (AGR3)
<b>Delivery</b>	1 week
<b>Uniprot ID</b>	Q8TD06
<b>Expression Host</b>	HEK293T
<b>Tag</b>	C-Myc/DDK
<b>Molecular Characterization</b>	N/A
<b>Molecular Weight</b>	19 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Formulation &amp; Reconstitution</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
<b>Storage &amp; Shipping</b>	Store at -80°C.
<b>Background</b>	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. [provided by RefSeq, Dec 2016]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

