

Recombinant Human AGR3 Protein, MYC/DDK-tagged

Cat. No. AGR3-518H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGR3 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	19 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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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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